Next Education®
Transforming Education

THE COMPLETE **K–12 EDUCATION SOLUTIONS PROVIDER**

Next. Education®
Transforming Education

Contents

Next Education®
Transforming Education

Introduction to
Next Education

Creating a Brighter Tomorrow for today's students

Making the World a Better Place to Learn

Ten years ago, we had envisaged a time in the not-too-distant future when quality education would be within the reach of every child. Steadfast in meeting such a commitment, we realised that to truly bring forth great academic results, fulfilling administrative needs becomes imperative in the K–12 sector. Therefore, we ventured to provide 360-degree academic and administrative support to our customer schools.

Staying ahead of the curve

We have our eyes set on the future where every child would be an innovator. R&D plays a major role in ensuring that we accomplish this goal. We have made major breakthroughs in the K–12 sector and have consistently been able to push the envelope. We devise curricula adhering to the latest pedagogies, and craft innovative strategies and tools to run the school machinery effectively.

Technology: the game changer

We dream of the day when quality learning would no longer be the privilege of a few. Our burning desire to nurture and fulfil such a grand aspiration makes us ambitious.

We have made technology our ally in this great teaching-learning journey. We strongly believe that the right blend of technology, pedagogy and content can deliver the most effective curricula.

Technology empowers us to maximise impact by constructing innovative and cost-effective modes of instruction. In using technology to democratise education, we reach out to learners irrespective of their geographical location and socio-economic background.

Responsibility towards the K–12 sector is deeply ingrained in our belief system, which makes us a proud provider of excellent after-sales services.

Education for Us is Not Just Business, But a Cause

Vision

To provide optimal solutions for all K–12 stakeholders

Mission

To be the top education solutions provider in India by 2020

Values

- We build optimal solutions. The money customers save gets re-invested in other aspects of the child's development.
- We focus on improving learning outcomes. Solutions must be designed to work in local communities with this objective in mind.
- We are austere. We guard and conserve the company's resources with the same vigilance as we would guard and conserve our own.
- We are here for the long run. We believe in partnership with our employees, customers, vendors, governing bodies and other stakeholders to strengthen the ecosystem over time.

Next Management

Beas Dev Ralhan

Co-founder and Chief Executive Officer

As the CEO of Next Education, Ralhan brings energy, inspiration and direction to the company's vision. Under his leadership, Next Education has transformed from a fast-paced educational technology company to one of the most respected educational solutions provider in India. Ralhan graduated from IIT Bombay and has an MBA from London Business School.

Raveendranath Kamath

Co-founder and Chief Financial Officer

As the CFO, Kamath ensures the company stays on course with adequate cashflow and steady profit, while chasing hardcore targets. Kamath has a B.Tech degree in Instrumentation Engineering from IIT Kharagpur.

Academic Council

To make our solutions relevant and optimal for the Indian education system, we have teamed up with some of the most experienced educators in the country.

Sridhar Iyer

Professor of Inter-disciplinary Program in Educational Technology at IIT Bombay

Dheeraj Mehrotra

Recipient of the National Award for Best Teacher. Author of 35 books on computer science

Prema Muralidhar

COO, Sadhbhavana Group & Principal, Sadhbhavana World School

Sapna Agrawal

Former Principal and Master Trainer, Neuro-linguistic Programming (NLP)

Rachna Narang

Academic Evangelist

Romaa Joshi

Academic Consultant and Corporate Trainer, Trinity College, London

Supported by

Validated by the Industry

20+
Awards
and counting

2016

Innovation in Pre-school Pedagogy
World Education Summit

2015

Innovation in Teaching Pedagogy Award
World Education Summit

Innovation Excellence Award in Education
The Associated Chambers of Commerce and Industry of India (ASSOCHAM)

2014

Best School Books Solution
Global Learn Tech Conference & Awards

Best Emerging School ERP
Digital Edge ICT Conclave on Education

2013

Best Multimedia Content for K-12 Education
World Education Summit

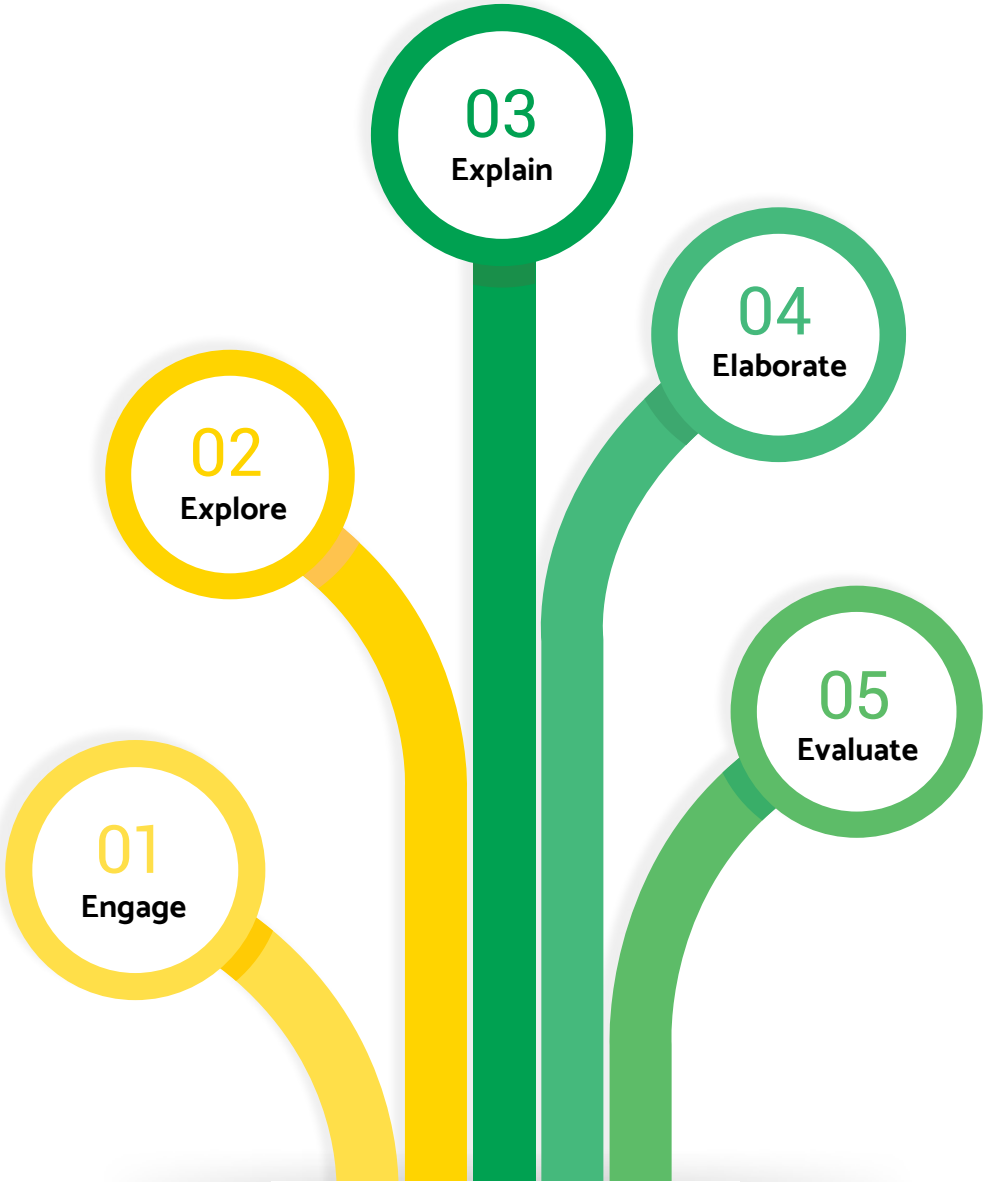
Excellent Human Resource Management in Education Industry
National HRD Network

Best K-12 Content for Maharashtra State Board in English and Marathi
Wisitex World Education

Our Approach

Next Learning Approach

Next Education follows a constructivist approach to learning based on the 5E model. The 5Es allow learners and teachers to experience common activities, use and build on prior knowledge and experience, construct meaning, and continually assess their understanding of a concept. A learner can be at any of the levels at any given point in the learning process.



5E PRINCIPLE

Engage
Learners are engaged in the concept, process, or skill to be learned, by making connections between past and present learning experiences.

Explore
Learners actively explore their environment or manipulate materials to identify and develop concepts, processes and skills.

Explain
Learners have opportunities to verbalise their conceptual understanding or to demonstrate new skills or behaviours.

Elaborate
Through new experiences, learners develop deeper and broader understanding of major concepts, obtain more information about areas of interest and refine their skills.

Evaluate
Learners assess their understanding and abilities; teachers evaluate students' understanding of key concepts and skill development.

Designing the perfect curricula

The curricula we design are holistic and thus very effective. Each curriculum comprises the following parts:

Goals **Methods** **Materials** **Assessment**

Preschool Curriculum

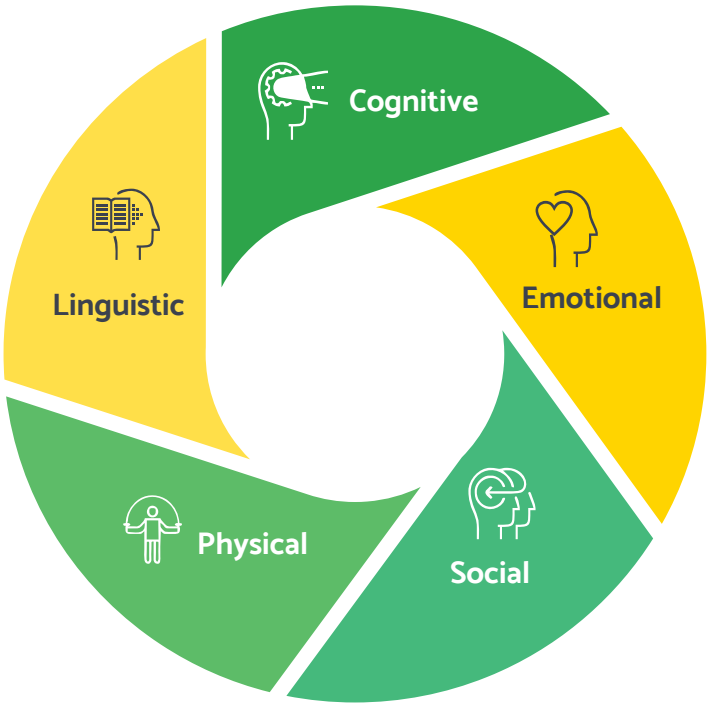
Play and learn – Learn and play

Philosophy

We believe that pre-primary education should be a joyous experience for learners as it lays the foundation for lifelong learning. It should encourage participation and involvement to satiate the inherent curiosity of children and boost their holistic development, thus facilitating a smooth transition to primary education.

Focus

The NextPre-primary curriculum follows the National Curriculum Framework (NCF) guidelines, and ensures balanced development of a pre schooler in the five key domains of learning, namely cognitive, emotional, social, physical and linguistic learning.



Approach

Multimodal learning

Students can learn through various modes – books, interactive AV modules, hands-on activity kits, etc. Besides holding the attention of young learners, these modes add a surprise element to their learning.

Play-and-explore

The fun-filled hands-on activity kit ensures learning based on the play-and-explore approach. Our stellar audiovisuals and strikingly illustrated books instil curiosity in students and keep them engaged.

Age-appropriate

Concepts are introduced according to the stages of growth and development of a child.

Primary and Middle School Curriculum

Learning to construct knowledge

Philosophy

When students learn through experiences, they become architects of their own knowledge and develop a love for learning. We believe that learning is more meaningful when students make a connection between their environment and the information being imparted. Research shows that a learner-centric approach drives learner engagement, academic achievement and meaningful learning.

Focus

Our focus lies in creating seekers of knowledge and researchers for life. Our emphasis is on the process involved in learning, rather than concentrating on mere concepts, and this has helped us devise a curriculum where students are encouraged to probe facts and ask questions. We encourage learners to explore, experience and make observations.

Approach

Enquiry-based learning

This approach involves the process of posing questions, understanding problems based on scenarios, self-directed inquiry and research by students, which promotes their critical-thinking skills.

Activity-based learning

This comprises hands-on experiments and activities which help learners retain a concept better as they are active learners in the process rather than passive recipients of information.

Contextual learning

It presents information to students in a manner that they can draw inferences from their own lives to understand abstract concepts.

Secondary and Senior Secondary Curriculum

Veering into the complex and the computational

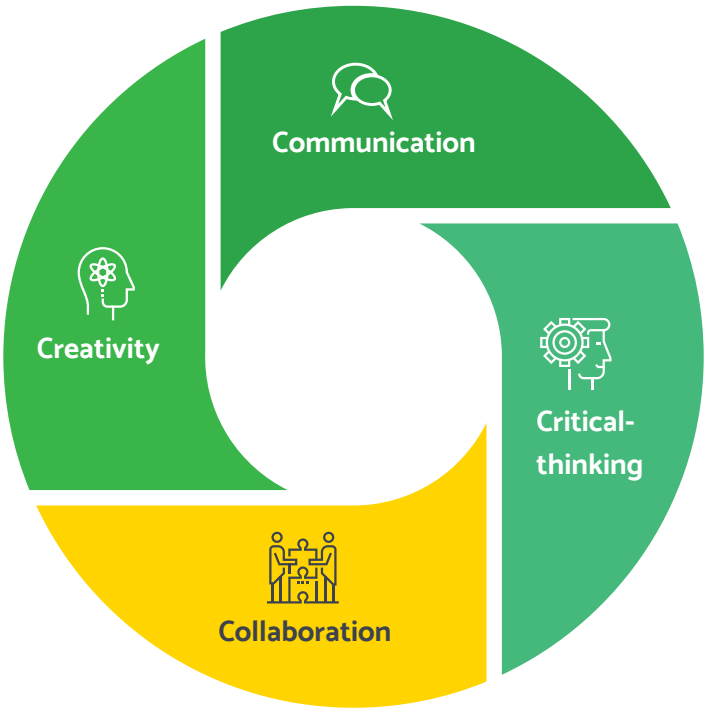
Philosophy

An ideal senior secondary curriculum should prepare students to confidently face future challenges of higher education and professional life.

We also believe that subject matter knowledge alone cannot help students thrive. They also need to master the 21st century skills of communication, collaboration, creativity and critical-thinking to excel.

Focus

Mindful of the responsibility towards moulding global citizens, we have designed our educational solutions to maximise the output of the learning process, render better clarity to complex concepts, enhance critical-thinking skills and independent research abilities, and above all, make learners future-ready.



Approach

Self-learning

We understand the necessity and benefits of supplementing classroom education with self-learning for learners of higher grades. LearnNext, our self-learning solution helps learners develop 21st century skills and prepares them for their future academic life, where teachers would act more as facilitators.

Real-life application of concepts

A concept is elucidated with a clear demonstration of possible areas of its application in real-life scenarios. This helps students to apply the concepts learnt in the classroom in real-life situations.

Project-based learning

It involves imparting in-depth knowledge and deeper understanding of concepts through project work.

The Driving Force Behind Our Products

Technology

Next Education believes that scalable, sustainable and personalised education for every child is possible only by leveraging technology. Thus, we integrate technology into every product and solution we create.

Constant emphasis is on creating products that are both intuitive and interactive. Our simple, user-friendly interfaces are uncomplicated and usher modernity in schools.

Content

In today's digital world, it has become imperative that content created for students is captivating, interactive and engaging. We, at Next Education, therefore attempt to make learning a joyful and meaningful experience at every step.

Our huge repository of comprehensive content conforms to the NCF guidelines for the digital and print media to meet the diverse needs of students and teachers.

Hardware

At Next Education, we go the extra mile to keep the hardware and software assets of our partner schools safe. We provide stabilisers and MCBs to protect our systems from voltage fluctuation, thereby prolonging the life of the systems and minimising error rates by 20%.

We also undertake annual preventive maintenance checks to provide our partner schools with the best user experience.

Service and support

We believe that our products and solutions are not complete without the ceaseless efforts of our in-house service and support teams, both online and on-the-field. A large network of servicing hubs across the country ensures that no matter how remote a partner school is, one of our 900 TeachNext experts is always close by.

We provide continuous academic support, which includes conferences and city-wise and school-level training sessions.

Next Ecosystem

The Next Ecosystem is a community of products that caters to all academic and administrative needs of the K-12 sector. The result of a carefully devised strategy, it is a move away from developing isolated products that address fragmented learning needs.

As opposed to mutually exclusive products used for home learning, classroom teaching and experiential education, that fail to create holistic learning experience, we offer integrated and cohesive teaching-learning experience to all stakeholders.

Next. Curriculum™

A comprehensive and integrated curriculum solution

TeachNext.™

An optimal K-12 digital classroom solution

Next. Lab™

An experiential learning approach to create interest around STEM

Next. LearningPlatform™

A platform with a collection of tools that augments education for all K–12 stakeholders

Every day, our innovative products touch the lives of 10% of India's private-school-going children.

Check out our apps on

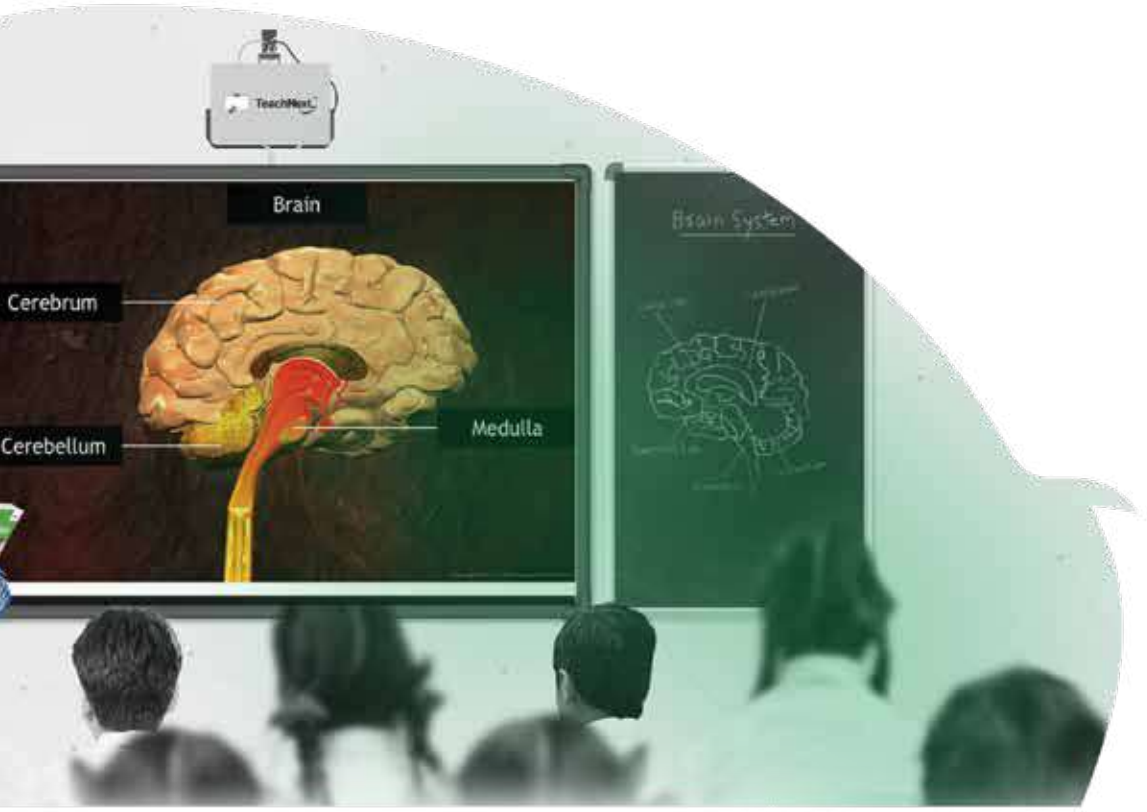
Google Play

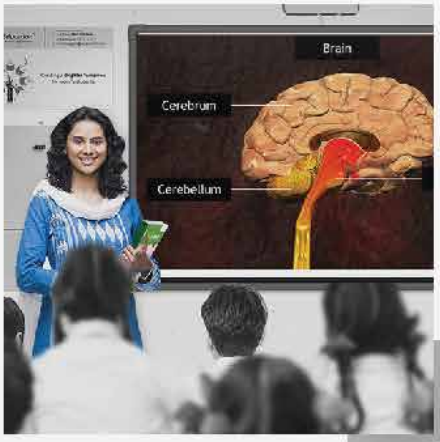
TeachNext

Next Curriculum

LearnNext

Next Gurukul


Brain
Cerebrum
Cerebellum
Medulla
Brain System


Brain
Cerebrum
Cerebellum


SCIENCE EXPLORER 4

Our
Products

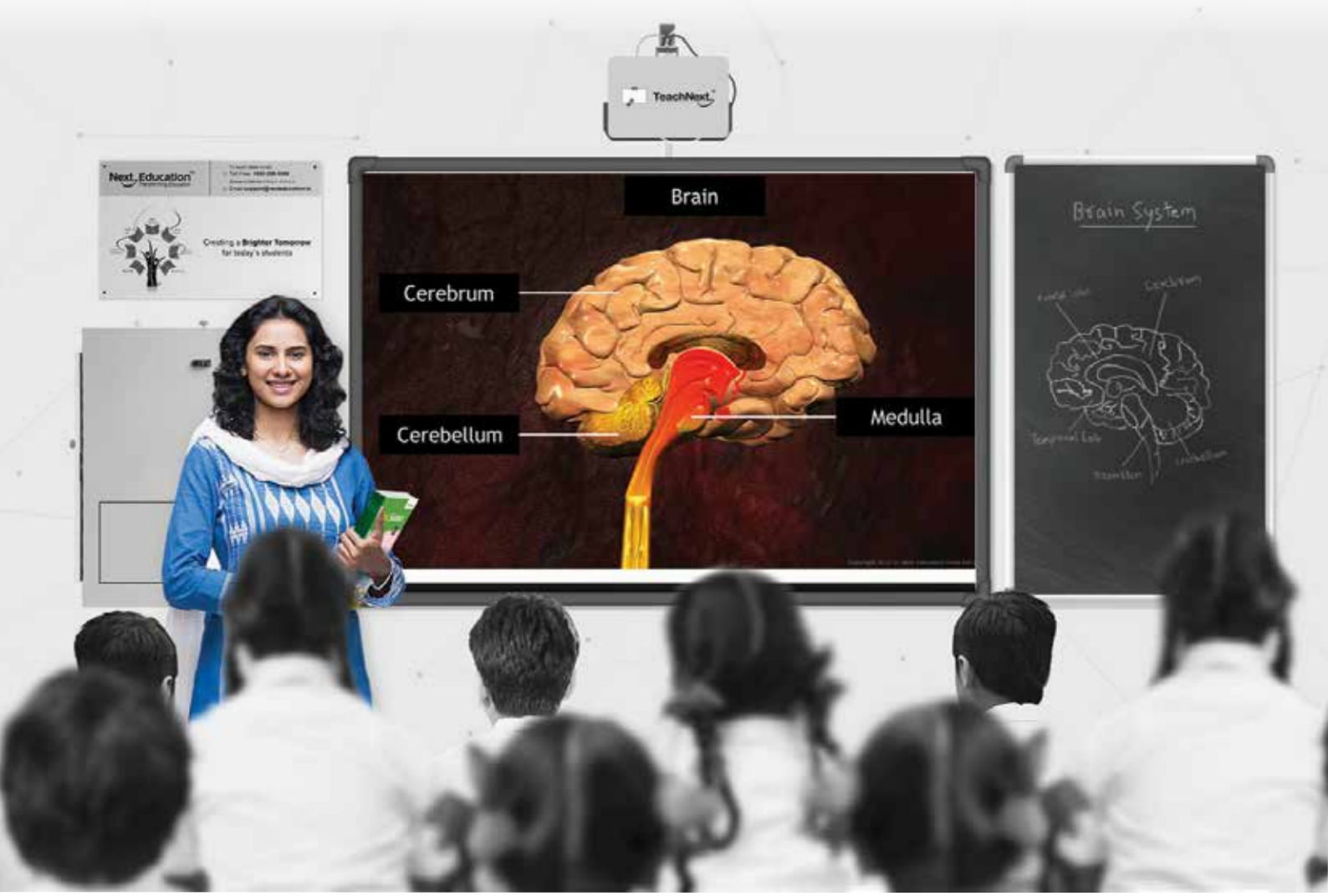
TeachNext™

India's top-selling teacher-productivity suite

Our flagship product, TeachNext, is India's most comprehensive teacher productivity suite. The multimedia content, integrated with world-class tools, lesson plans and assessments, bolsters teachers' skills and allows them to be experimental and creative in the classroom.

As India's top-selling digital classroom solution, it enjoys a market share of 65%.

The quality of the content has been validated through a testing tool, Learning Objective Evaluation (LOBE) Instrument, developed at the Indian Institute of Technology, Bombay.



TeachNext for all

A digital classroom solution, TeachNext content and software meet the various needs of the K-12 stakeholders.

Students

Helps 21st century learners to be the architects of their own knowledge

Principals

Keeps a track of teaching productivity and learning progress

Teachers

Reduces preparation time for classes and empowers them to be creative in the classroom

Parents

Guarantees peace of mind as their wards receive holistic age-appropriate learning

TeachNext teaching-learning components

Courseware
Content to engage students effectively

Integrated Tools
Reference tools that promote interactive learning

Server
Applications that extend learning

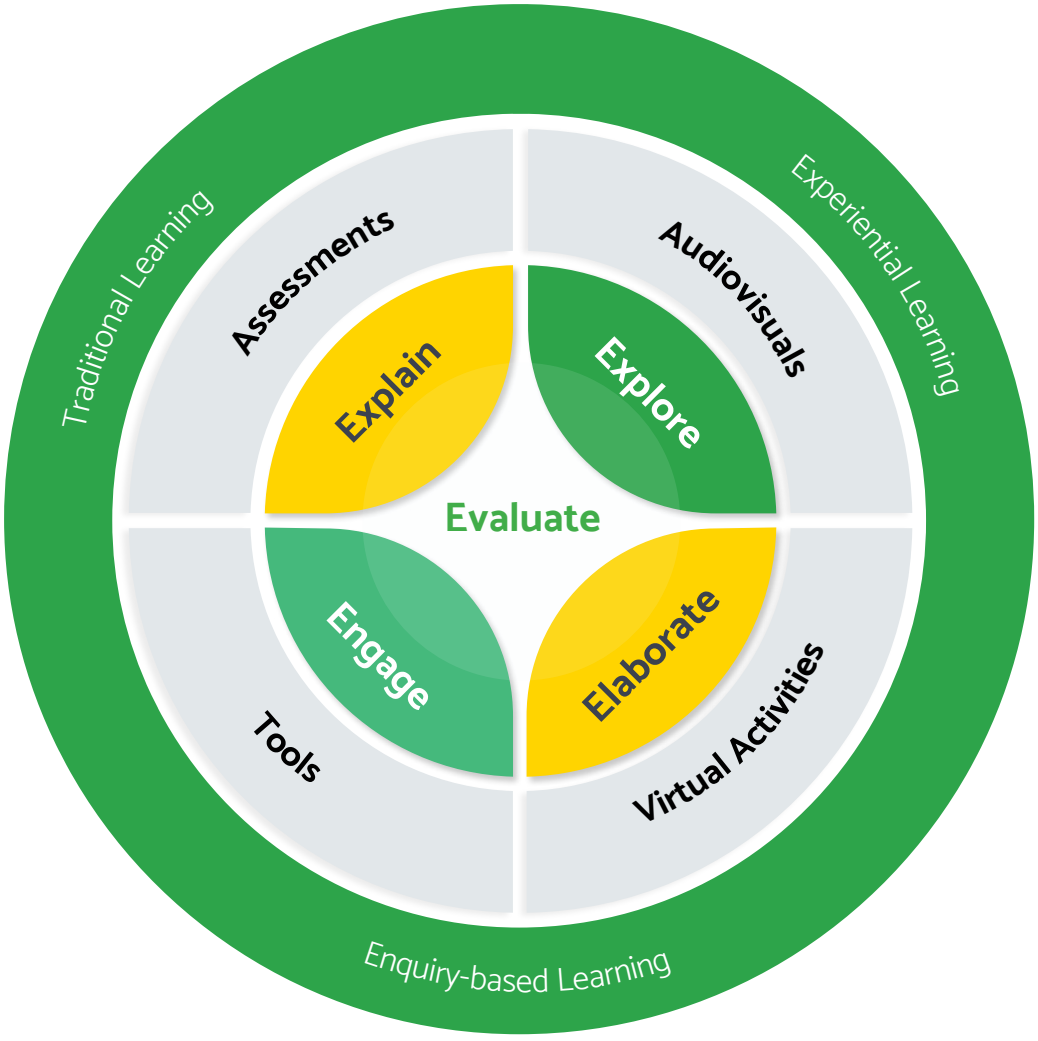
Hardware
5 years of peace of mind with branded machinery

Support
Constant round-the-clock support to our customers

Learning Cycle

TeachNext is ideal for adoption in all classrooms as it supports different kinds of learning, including experiential, traditional and enquiry-based. Based on the 5E learning model, the TeachNext learning cycle has five stages: engage, explain, explore, elaborate and evaluate.

TeachNext equips teachers with learning strategies and tools to initiate students into any of the learning stages at any point in time.



TeachNext allows one to process, experience and construct knowledge

TeachNext provides an interactive learning environment

Learning stages

Learning is a process in which students' understanding deepens, changes and forms anew as they move from one stage to the other. Being cyclic in nature, the learning process enabled by TeachNext allows students to enter and move effortlessly through the various stages of learning.

Engage

The teacher can draw students' attention by conducting an experiment or by showing a real-life video. It is essential to not just hold students' interest in the initial stages, but keep them interested throughout.

Explain

Students can gain knowledge about new or practical aspects of the concept from various learning components and develop newer skills.

Explore

Students can use any of the TeachNext components such as hands-on activities or audiovisuals, to delve deeper into concepts and gain skills.

Elaborate

A simulation or an experiment can spark students' creativity as they get to investigate their areas of interests and refine their skills.

Evaluate

Teachers can use interactive excercises and assessments to gauge students' understanding of concepts. Depending on their level of understanding, they can either recommend a move to the next concept or suggest remedial action.

Learning components

TeachNext has a host of in-built teaching-learning components, such as audiovisual content, simulations and teacher productivity tools, that a teacher can employ during any of the learning stages. One tool can serve multiple functions.

Audiovisuals

A powerful tool to engage students, it is also beneficial in helping them make real-life connections, and gain in-depth understanding of concepts.

Tools

The suite of tools give teachers an opportunity to be more creative in their teaching approach, make classrooms interactive, and dissipate abstractness from concepts

Virtual Activities

As active participants in their own learning process, students benefit at all stages from experiential learning.

Assessments

Teachers can ask questions to spark students' interest, initiate interaction in the classroom, and also gauge students' understanding.

TeachNext supports the following pedagogies

Experiential learning

Simply put, it is learning by doing. A student can explore a concept by either undertaking NextLab activities or trying their hands on NextStudio.

Enquiry-based learning

Scenario-based questions and problems encourage students to delve deeper into a concept. Many of the audiovisuals begin this way.

Traditional learning

In a traditional classroom, a teacher shares knowledge with students and thereafter, conducts a discussion. TeachNext digital content is interspersed with logical pauses, which allows a teacher to conduct peer discussion among students.

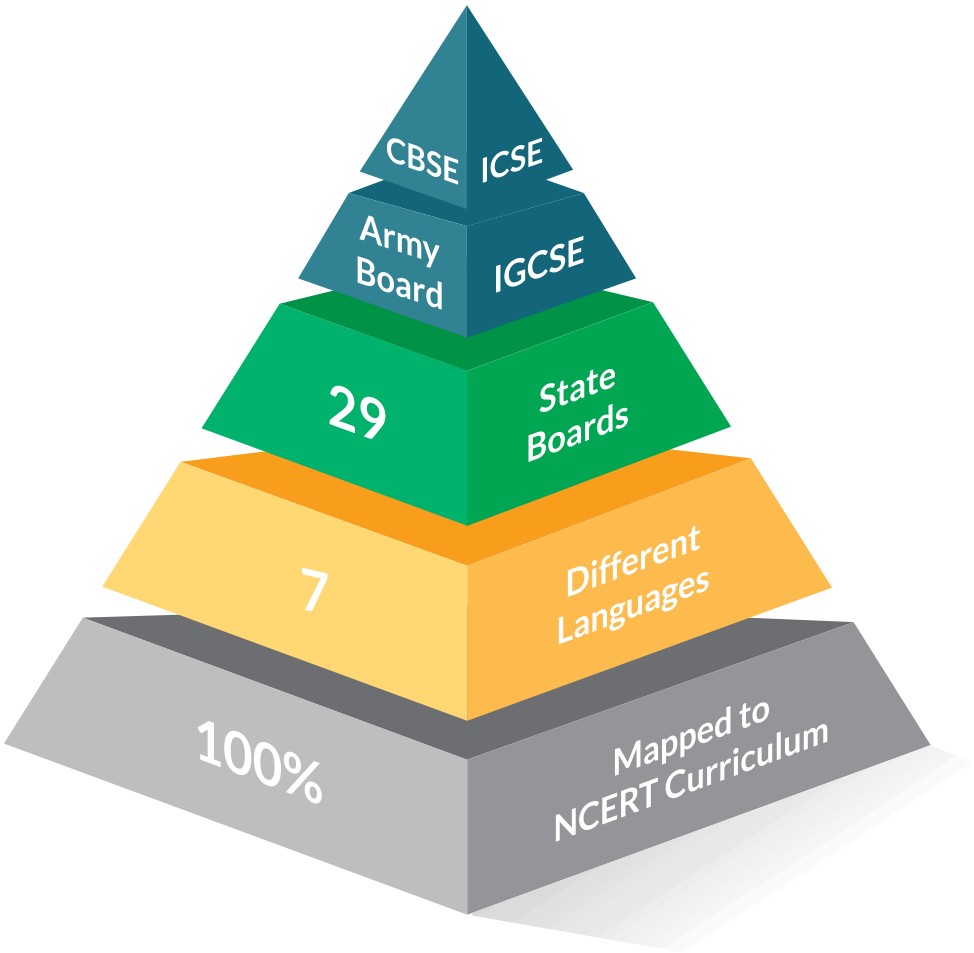
A Storehouse of Comprehensive Content

4,000+
Hours of Digital Content

6,000+
Experiments and Simulations

25,000+
Learning Modules

540,000+
Questions in Question Bank



Wide coverage of subjects

Science
Physics, Chemistry, Biology

Languages
English, Hindi, Sanskrit

Development and growth
Physical Education, Yoga, Life skills

Commerce
Business Studies, Accountancy, Economics

Social Science

Computer Science

Crafted to suit the diverse needs of the education sector

Integrated curriculum
We have integrated all learning components such as books, lab simulations and hands-on activities with TeachNext. Besides saving teachers' prep time in integrating all components, this also ensures students' holistic development.

Perfect for classroom adoption
Every module in TeachNext has a runtime of 8-10 minutes which leaves enough time for other important activities such as the teacher's explanation and assessments within a period.

Active learning
All modules are punctuated with logical pauses for the teacher to drive discussions around concepts and encourage active participation among students.

Frequent content updation
We frequently update our pool of resources to keep up with the latest trends in the education sector. Updates to schools are offered at no extra cost.

Aligns to the need of Indian learners
Intensive research informs us that Indian students listen and comprehend better if the narration is in a neutral accent. TeachNext modules take into account such insight.

Caters to multiple intelligences
TeachNext keeps in mind the needs of different kinds of learners in a classroom – visual, auditory and kinaesthetic, which are largely neglected in rote learning.

Stimulating animations

TeachNext modules include traditional 2D and 3D animations as well as innovations such as claymation and craftmation, developed in-house. The invigorating age-appropriate content appeals to the inquisitive minds of learners and keeps them engaged.

2D animation

3D animation

Stop animation

Craftmation

Claymation

Claymation

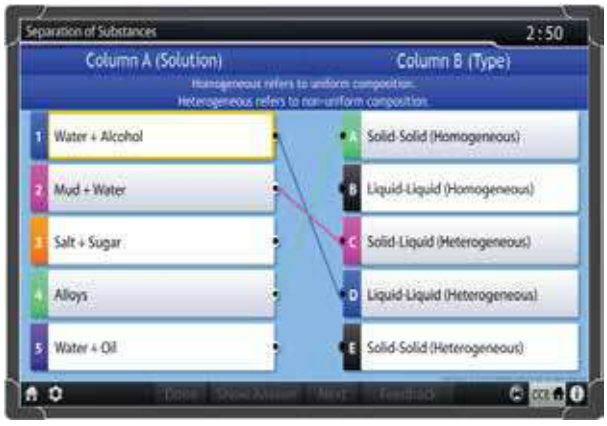
Wide spectrum of academic support

We offer a wide array of academic material that includes interactive assessments, hands-on experiments, simulations and more. The learning modules of various styles assist schools to follow the pedagogies of their choice.

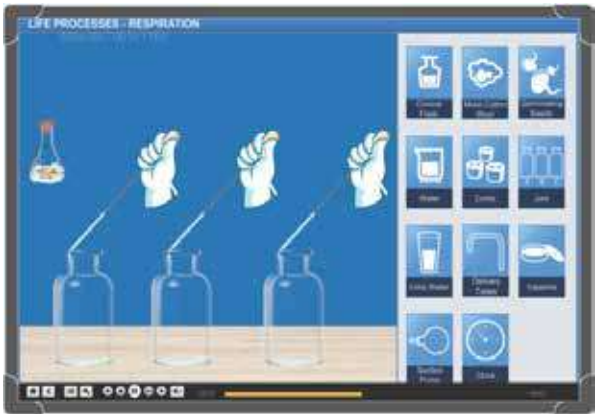
Real-life videos

Hands-on experiments

Interactive assessments

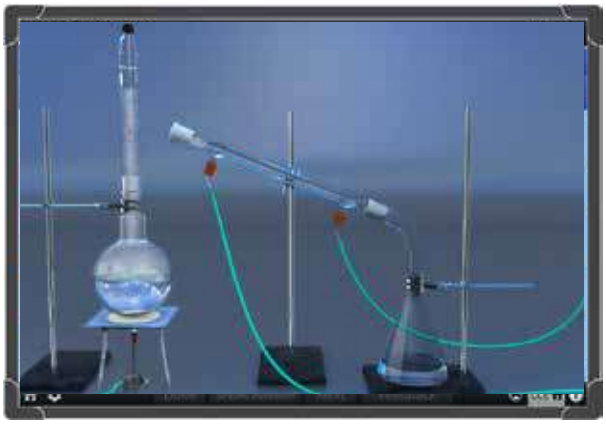


Interactive simulations



Interactive assessments

3D experiments



Experience Experiments

Over 1600 experiments included in TeachNext help students build a scientific temper.

Enquiry, exploration, conclusion and reflection on conclusion form an integral part of science teaching and learning. Addressing these needs, experiments also lay focus on the construction of knowledge as opposed to mere sharing of facts and information.

Real-life experiments

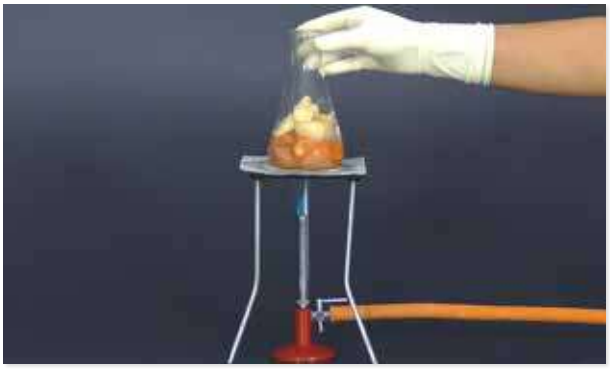
Shot at our in-house laboratory, these experiments are divided into two categories – textbook experiments and prescribed experiments

Textbook experiments

These videos with real-life experiments explain concepts for students of grades 6-8. Experiments which make use of expensive apparatus, dangerous chemicals and those which span over long durations are also covered.

Prescribed experiments

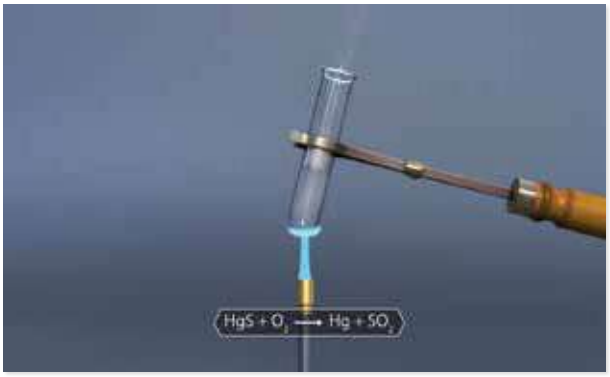
These videos include experiments that CBSE and ICSE boards have prescribed to be conducted in schools for grades 9-12. Teachers can play these videos in the laboratory and move around helping students with the experiments, instead of conducting it themselves.



Other experiments

Interactive experiments

Our TeachNext modules are replete with interactive experiments and simulations which teachers can show in the classroom to drive discussion and engagement.



Question Bank

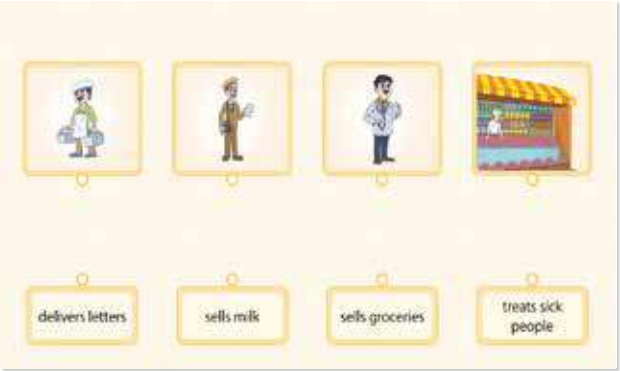
There are over 500,000 subjective and objective questions in the question bank, most of which are mapped according the grade, subject and topic. Teachers can also add their own questions, which can be shared within the school.

The questions can be used to drive in-class engagement as well as to create new assessments.

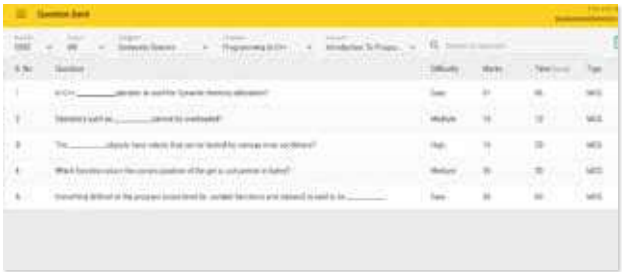
Questions to be used in the classroom

Both lesson-level and chapter-level, subjective and objective questions are available for the teachers to conduct a quick recap and gauge students' understanding of the concepts taught.

Besides end-of-the-chapter assessments, there are also interactive assessments like crosswords, match the following, etc. to drive engagement in the classroom.



Question paper



Teachers can create assessments by pooling questions from the question bank available in the TeachNext server. Questions are available in various formats such as essay-type questions, short-answer questions, match the following, fill in the blanks, multiple choice questions, puzzles etc.

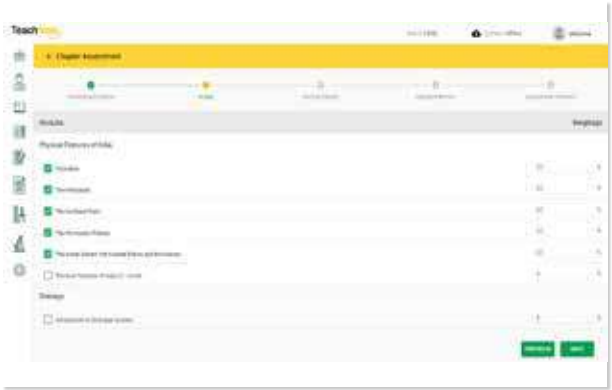
These assessments can help teachers gauge students' learning gaps, which they can remedy in their successive classes.

Board papers

Solved CBSE board papers are available on TeachNext. These can help students with practice and revision before their board exams.

Automatic assessment creation

On entering specific criteria such as marks, difficulty level, duration, etc., assessment papers gets automatically generated in the TeachNext server. Teachers can take printouts of this question paper and use it for various purposes such as giving homework to students.



Integrated Tools

Quality content integrated with the right technology creates magic

We have developed several tools that help teachers adopt creative teaching approaches and create an interactive learning experience in the classroom.

Our multi-touch whiteboard software allows teachers to use tools such as pen, eraser, compass, shapes, colours etc. to make sessions interactive. It enables them to perform multiple functions such as drag and drop images from TeachNext, crop the images, highlight text etc.

An empowering tool for teachers, it helps them create their own teaching resources, record teaching sessions and more. It also drives classroom participation; teachers can call upto ten students at a time to simultaneously work on the ten-touch interactive whiteboard.

3D images

A pool of 3D images is also available which can be zoomed in to explain concepts in-depth. For example, teacher can use 3D image of a heart to explain about heart valves.

Video and image library

Teachers can use the vast pool of images and videos to create their own modules.

44,000 Stock Images

73,649 Stock Videos

5,000+ 3D Images

Stock images

It is a collection of images of all commonly found objects, be it natural or man-made.

Stock videos

These videos on natural phenomena, inventions etc. are mostly of half minute to one-and-a-half minute duration.

Session recording to create modules

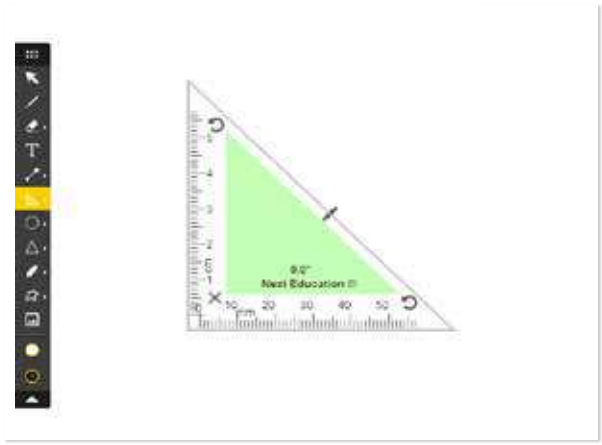
Teachers can use the webcam to record an entire session and create their own module, which they can use later.

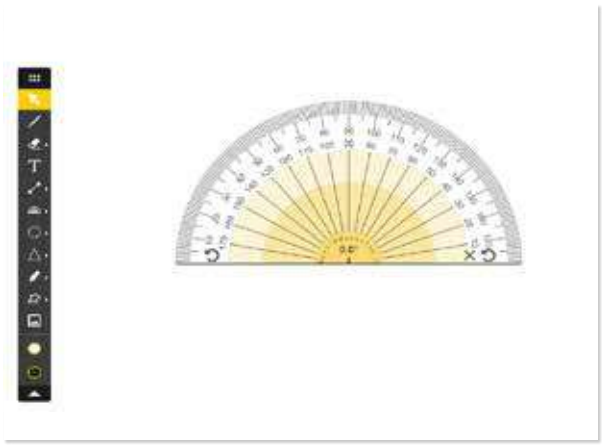
Annotation

Teachers can utilise the NextStudio toolbar over the screen to add notes and save them.

Maths tools

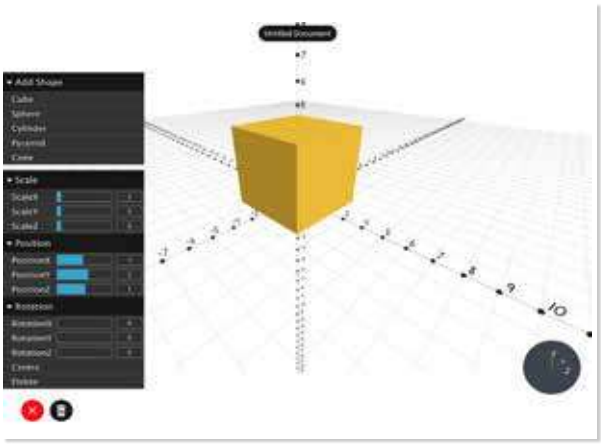
Tools such as compass, protractor etc. are available to help teachers explain mathematical concepts in an engaging manner.

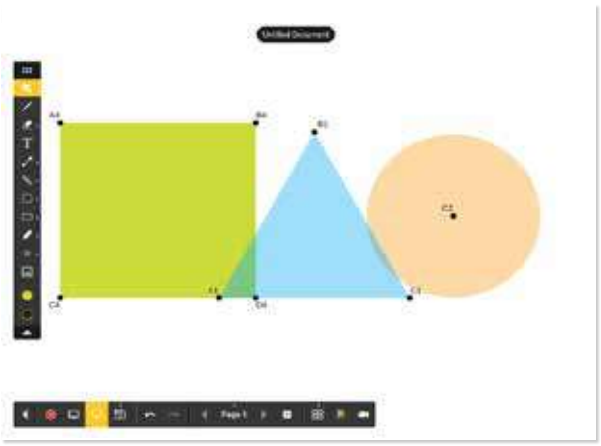




3D and 2D views

3D imaging of various solid objects like cube, cuboid and sphere is available. 2D view is also available for various shapes such as rectangle, triangle etc. Available on an infinite canvas, teachers can rotate, zoom and control the views with a single touch.





Next Tools™

These are a set of reference tools which teachers can use as accompaniments to explain concepts and ignite students' curiosity. They have been grouped under various subjects such as Maths, Computer Science, Social Science etc. to promote ease of use.

Maths

These tools help teachers explain abstractions such as plotting graph, and drive engagement by generating questions around multiplication, area explorer, etc.

Available tools

- 2D Graph plotter
- Unit and area converter
- Common logarithms
- Multiplication table

Social Science

Tools to aid Social science education, such as, world time, Next maps, model of solar system etc., helps make this subject interactive and engaging for the students.

Available tools

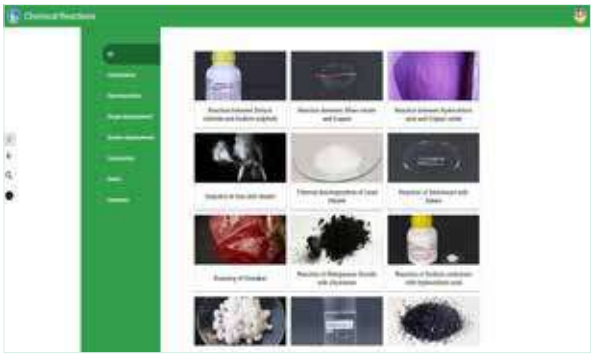
- World time
- Quiz
- Next maps
- Solar system

Chemistry

From elaborating the chemical properties of each element to balancing chemical equations, these tools help to make learning of chemistry an interactive experience.

Available tools

- Periodic table
- Chemical reactions
- pH of acids and bases



English

These tools help improve students' vocabulary and pronunciation.

Available tools

- NextDictionary
- Phonetics

Computer Science

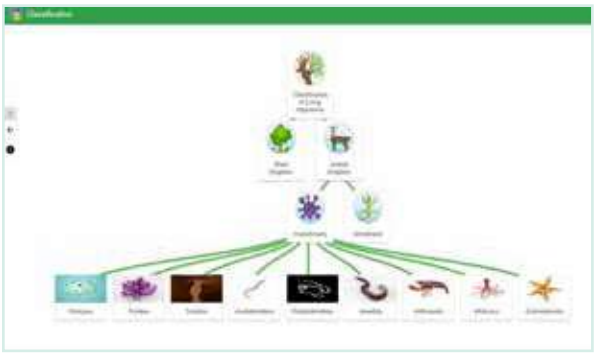
A pool of Free Open Source Software (FOSS) aims to provide an unbiased and holistic learning approach, building confidence in learners to be in command of technology.

Available software

- CodeBlocks
- Eclipse
- PythonIDE
- Scratch

Biology

A classification of living organisms is available for reference.



Office tools

Free office software aims to make students adept at preparing presentations, and writing, among other skills.

Available applications

- LibreOffice Calc
- LibreOffice Writer
- LibreOffice Draw
- LibreOffice Math

Built for Optimal Use

The new and improved TeachNext interface is intuitive in its design and facilitates ease of use. Various teaching-learning resources have been reorganised and recategorised to ensure a user-friendly experience.

The strategic interventions that have been thoughtfully integrated to make TeachNext more user friendly are:

Multiple operation tools

The courseware and other components can be operated with multiple tools such as the remote, keyboard, mouse, and it is also touch-sensitive.

Navigation bar on the side

It appears either on the left-hand or the right-hand side, and not at the top or the bottom, giving teachers easy access.

Perfect mount

The average height of a teacher is taken into consideration while mounting the projector on the wall.

HTML5

We have migrated all our AV content from flash-based application to HTML5 application, ensuring that the videos play seamlessly.

Good readability

The text on the screen is legible even to a student sitting on the last bench.

Full-screen videos

The videos play on full screen. The overlay of the navigation bar is auto-hidden and can be accessed by tapping the screen.

Session-wise content

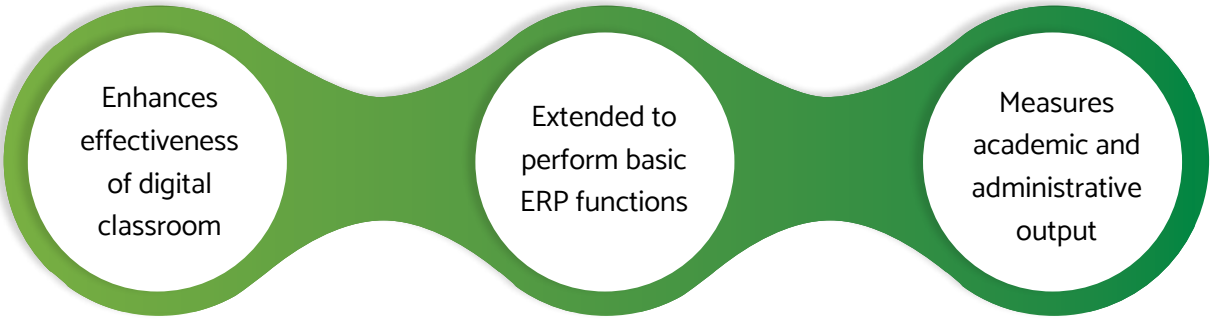
The different chapters are subdivided into sessions, easing teachers' tasks. Resources such as AV modules and assessments have been grouped under each session.

TeachNext Server

A seamless and versatile back-end system, the TeachNext server provides schools with administrative support. Besides fulfilling basic ERP functionalities, the TeachNext server streamlines and eases administrative and academic functions.

It is available in both offline and online modes. On syncing the data with the cloud at regular intervals, some of the functions work with improved capacity.

Essential academic and administrative management

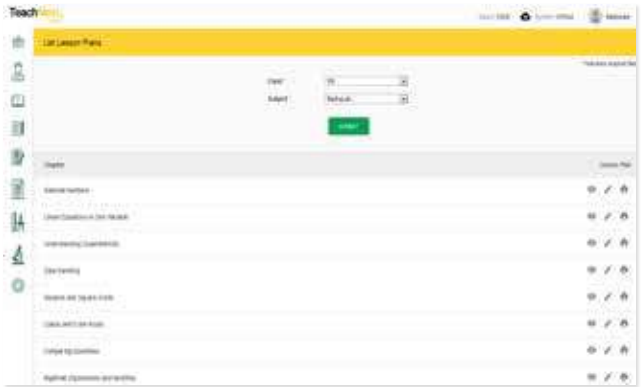


Enhances effectiveness of the digital classroom

TeachNext server helps teachers with academic management to bring forth meaningful learning.

Lesson plan

A readymade session-wise lesson plan is available for grades 6-10



Teachers can also do the following:

- Add their own academic resources such as activities, assessments, notes, etc.
- Share these resources with their colleagues.
- Avail the print option to get a printed copy.

Weblink

When connected to the Internet, teachers can play weblinks directly from the TeachNext server.

External content upload

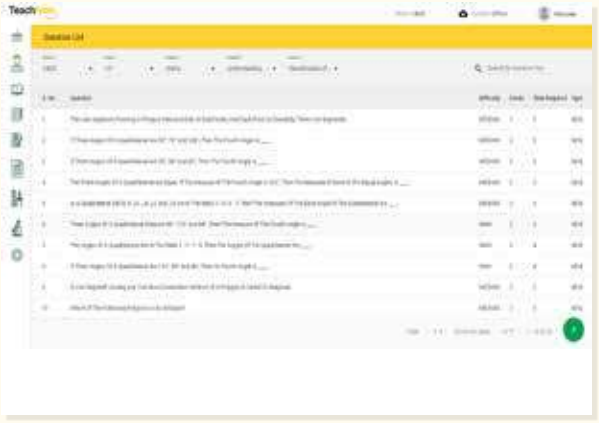
Teachers can also upload additional teaching resources, save it in their library and use it to teach in the classroom. They can also connect their USBs or external storage to TeachNext and play the content.

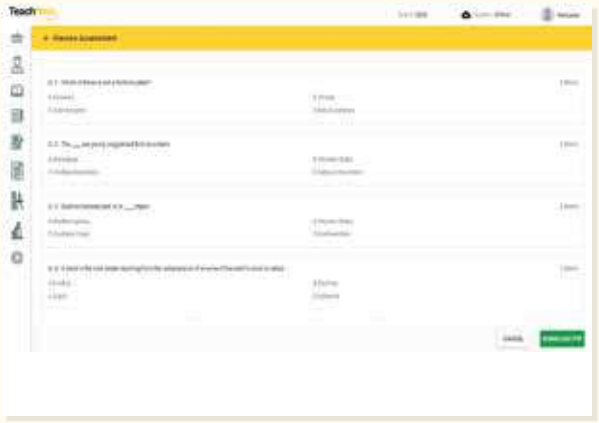
Custom board

Teachers can map the modules to any third-party textbooks that they are using to create their custom board.

Question bank

Over 540,000 subjective and objective questions are organised by class, stream, subject and topic.





Teachers can also do the following:

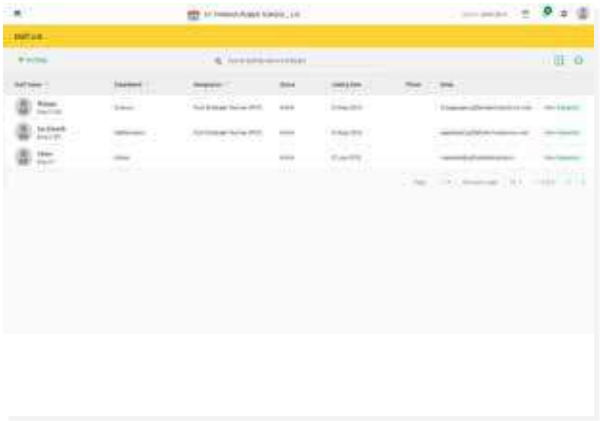
- Add and edit questions at the end of every module in TeachNext
- Create assessments manually by pooling questions from the question bank
- On entering specific criteria such as marks, difficulty level, duration etc, assessments get automatically generated in the TeachNext server.

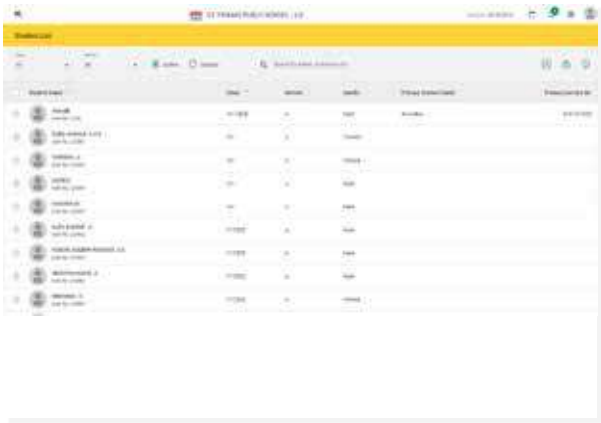
Extended to perform basic ERP functions

Available in both online and offline mode, the TeachNext server also fulfil the administrative needs of the schools.

Student and staff information

A 360-degree profile view is available for students, teachers and non-academic staff. Joining dates, medical history etc. are some of the available details.





Admission process

TeachNext server automates the entire admission workflow process, from setting up real-time enquiry to publishing the results. Schools can configure the admission workflow as per their requirement.

Fee

The TeachNext server allows end-to-end fee management for schools.

Schools can carry out the following functions:

- Configure the fee structure and view the break-up of their total collection
- Initiate cancellations and refunds
- Allow parents to pay fees online or download the challan and pay it at the bank
- Generate receipts for all kinds of transactions
- Configure the periodicity of fee payment
- Send automatic and manual reminders to parents to deposit fees
- Integrate Tally with the server to generate data

Examination

TeachNext server allows setting up the examination structure, defining grading patterns and generating report cards.

Schools can carry on the following functions:

- Define their examination structure or follow a predefined one
- Customise report card templates or use a templatised one
- Define the grading system or use the prescribed CBSE grading pattern
- Configure criteria for grace marks
- Automate advanced entry of remarks

Communication

Schools can send and schedule SMS and emails to parents informing them about upcoming events, fee due dates and other important dates. They can access reports on the bounce rate, SMS received, email open rate etc.

Measures academic and administrative output

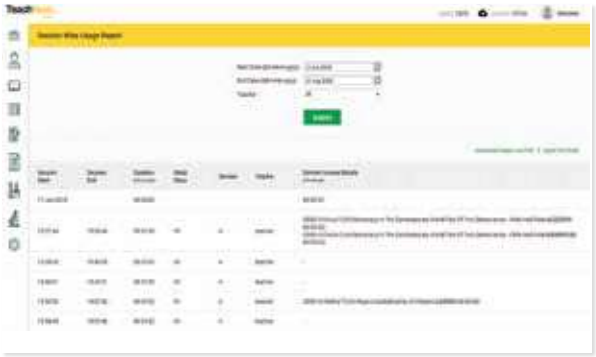
The effectiveness of a digital classroom is multifold when its usage is tracked and monitored.

Usage reports

These help the administration to monitor teacher productivity, track administrative tasks and make timely interventions whenever a deviation occurs from their well-defined goals.

Academic reports

- Course-wise progress for each grade and each section
- Teacher performance report for each session
- Digital classroom usage report



Administrative reports

- Fee-related reports on gross collection, instalment-wise collection, cancellation and more
- Term-level and assessment-level reports for individual subjects

Best Hardware in the Industry

Hardware that lasts

We provide the best hardware in the industry to ensure glitch-free working of TeachNext in schools. With the nuts and bolts in place, the efficiency of our digital classroom is increased multifold. We procure state-of-the-art hardware from reputed and reliable brands.

Commitment to ensure 98%+ uptime

A major factor in our success is the commitment to ensure minimum error rates and downtime. We are the only company in the industry to go that extra mile to provide stabilisers and MCBs to protect our systems from voltage fluctuations. We also perform yearly preventive maintenance checks.

We do this to prolong the life of the system, minimise error rates by 20% and give a better user experience to our partner schools.

Quality is our priority

We always invest in improving customer experience. Every hardware component is carefully procured from the best-in-class manufacturers. We are the only player in the industry to offer a 5-year warranty which proves our commitment to quality. We even carry out yearly preventive maintenance checks.

All this is done to afford maximum ROI and investment protection to our partner schools.

TeachNext Remote
Thoughtfully designed to perform 90% of the operations with five keystrokes

V-Guard Crystal Plus, 3 Amps
Stabiliser (to protect against voltage fluctuation)

Promethean ActivBoard™
Interactive multi-touch whiteboard (78 inches) used in 500,000 classrooms across 100 countries

TN CPU
Intel Pentium Dual Core CPU, 4GB RAM, 1 TB HDD

Classroom system and content server with keyboard and mouse

UPS
1 KVA UPS

Integrated Cabinet
Lockable and wall-mounted with one-touch functionality

Speakers
Dual speakers customised for Next Education

Projector
Extreme short-throw projector, wall mountable, 3300 lumens

Monitor
18.5" LED monitor, 1366x768 resolution

Green Board
6ft X 4ft
(Best-in-class)

MCB
Mini modular 10A DPC MCB

Professional implementation

Implementing a digital classroom solution is a big leap in the operations of a school.

Next Education ensures that the whole process of implementation is completely transparent with minimal disruption to the school and its day-to-day operations.

We follow a mature implementation process which involves the following key and critical steps:

1. Site survey
2. Material shipment from our warehouse
3. Installation and checking
4. Training and hand-holding
5. Continued support through our multi-channel support system, NextTrust

A custom-built remote to control operations

One-touch on/off of the complete system integrated with remote

Change language and view Exercise/Experiment/Library

Search for any concept within TeachNext

TeachNext@Home Solution

The only home solution that can also be availed independent of the device

At times, students may not be able to grasp concepts clearly in a classroom due to time constraints. With the aid of TeachNext@Home Solution, they can now clarify doubts, revise concepts, and reinforce their learning, anytime anywhere. The content can be accessed on laptops, desktops and tablets.

Students will initially need the Internet to download the content. After downloading, they will be able to access the content offline from anywhere and thus extend their classroom learning.

TeachNext@Home Solution is available in two versions

Device-independent

SD card with the TeachNext@Home Solution software can be used on tablets, desktops, or laptops (Android version only).

Device-installed

SD card with the TeachNext@Home Solutions software + 10.1" tablet (typically Lenovo Tab X-30F/103F)

The 10.1" tablet (typically Lenovo Tab X-30F/103F) comes with:

- Protective case made of tempered glass.
- 3 years of service and support from Lenovo (only to schools opting for a 3-year contract).
- Device insurance that covers natural calamities, loss/theft and accidental damage.

Features of TeachNext@ Home Solution

- A rich user-interface facilitating seamless navigation across features, and ease of use
- All resources such as videos, e-books, assessments and 2D/3D simulations available in one place
- In-built tools like NextStudio and NextTools to make the learning dynamic and interactive
- A pre-installed Mobile Device Management (MDM)* software that enables students to spend their time constructively by visiting websites that are relevant and pre-approved

*Comes pre-installed only in devices purchased from us. Alternatively, the MDM software can be purchased from us separately.

An Integrated Approach

The most extensible, pluggable teaching-learning solution

Attuned to the Next Ecosystem philosophy, TeachNext is designed such that it can be plugged onto our other solutions to extend learning. The integrated learning approach ensures that the teaching-learning process seamlessly moves from one learning component to the other.

Books

Books enable students to learn by asking questions, applying their knowledge in real-life scenarios, collaborating with peers and thereby enhancing their learning process.

Home Solutions

Students can also access the digital content at home to revise the concepts and clarify their doubts.

Lab

The digital classroom solution when integrated with experiential learning solution ensures active participation and in-depth explanation of concepts.

Learning Management System

When TeachNext is integrated with Learning Management System, the powerful combination aids in planning, delivery and tracking of the educational content.

Next Lab™

Active learning for every child

I hear and I forget.
I see and I remember.
I do and I understand.

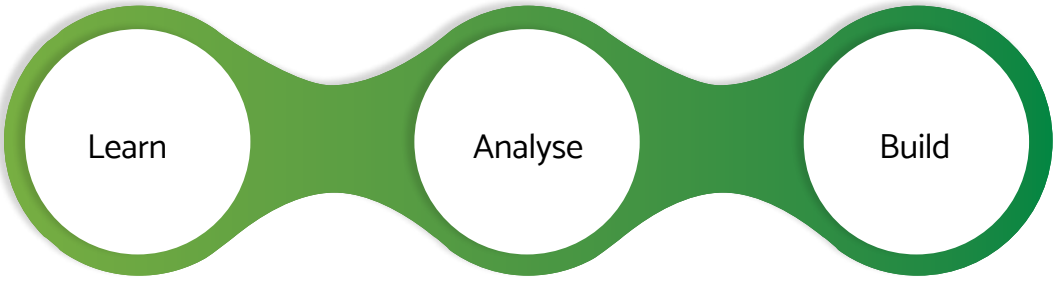
- Confucius

NextLab is based on the concept of experiential learning, which helps students construct their knowledge through 'reflection on doing'. Students grasp and retain concepts better by doing activities. NextLab provides an opportunity for students to apply concepts they learn in the classroom to real-life scenarios.

NextLab is a comprehensive hands-on learning solution comprising EnglishLab, MathsLab, RoboticsLab and ScienceLab, with 500+ lab hours that develop higher-order thinking skills (HOTS), technological fluency, as well as collaboration, communication and problem-solving skills.

NextLab helps students adapt to the demands of a rapidly changing, digital society and its associated effects on the workplace. The multifaceted activities not only eliminate the abstractness of the linear learning process but also prepares students for the challenges of the real world.

NextLab is built on the philosophy of LAB- Learn, Analyze and Build



Learn

Students draw upon previously known concepts or experiences and comprehend them in a renewed perspective to construct new knowledge. This enriches the learning process and gives a more holistic understanding of the topics.

Analyse

Rather than learning in a textbook-oriented style, students analyse their understanding of concepts by the process of observation, critical analysis and inference. This promotes validation of concepts via empirical observation and deduction.

Build

Students apply their learning to different real-life scenarios. This helps them develop higher order thinking skills, and provides a platform for age-appropriate, hands-on learning, which drives authentic understanding.

NextLab solutions use various tools such as virtual learning environment, hands-on manipulatives, simulations, projects and workbooks to achieve the learning goals. Multiple learning tools help the overall development of a child. It also helps in catering to the needs of various types of learners in class.

MathsLab™

From no Maths to more Maths

MathsLab brings mathematical concepts alive by using real-life scenarios. As the abstractness of the concepts dissipates, learners overcome their phobia of Maths, and in fact develop a love for the subject.

MathsLab comprises of an exhaustive hands-on activity kit, along with digital video content for grades K–10.

Grades K-5

We have gamified learning for students of pre-primary and primary grades to boost their motivation and help them develop a love for Maths.

Students are introduced to a story, where a child with a pet parrot is on a mission to master Maths, moving from one concept to the next.

Gamification of learning exposes students to a game-based environment, which maximises their enjoyment and inspires them to learn.

Captivating visuals keep students attentive and engaged in their learning. This helps them grasp concepts effectively.

Adaptive learning approach used in MathsLab allows students to progress across different levels of difficulty at their own pace.

Concept map suggests the best learning route to follow for students to learn concepts at an optimal time.

Concept map

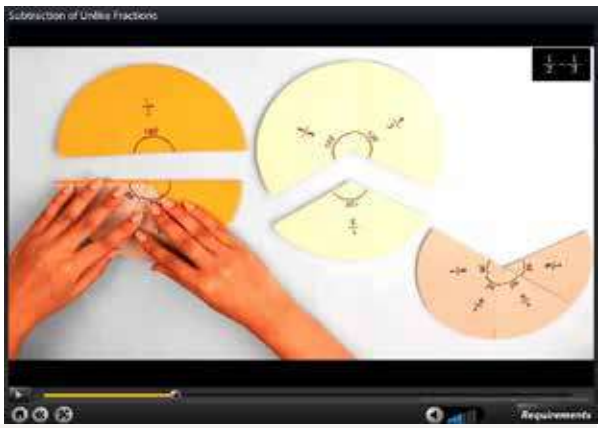
Grades 6–10

MathsLab has plenty of activities to keep learners engaged in the classroom.

Removes abstractness from concepts with the help of hands-on activities and projects conducted in the classroom.

Hands-on activity videos help students watch and learn how to do activities in the classroom.

Gamification of learning

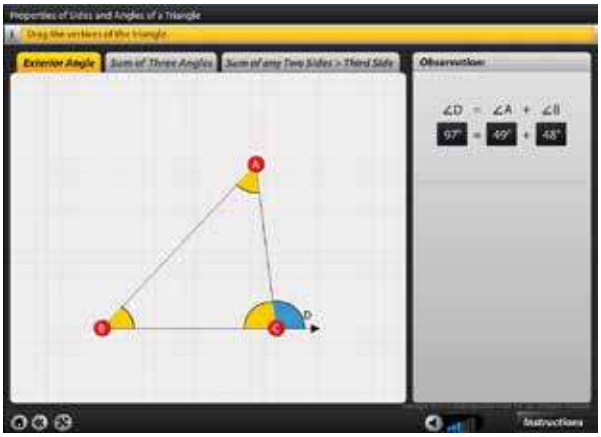


Hands-on activity videos

Simulations

With more than 120 simulations to work on, students can actively imbibe concepts rather than receiving them passively. This practice platform encourages students to apply their critical-thinking skills.

Besides, over 5,000 questions are available to test a learner's understanding extensively.



Tools, components and features

Virtual activities

- **1000+** story-based activities
- **200+** real-life scenarios

Hands-on learning

- **200+** hands-on and paper-cutting activities
- **40+** hands-on manipulatives
- Group activities foster collaboration

Planning and tracking

- Exhaustive reports to track the usage of each learner
- Lab plans for all chapters for grades K–10

Maths ambience

- Informative charts to set the mood for learning
- Cabinets to store hands-on activity components

ScienceLab™

Discover, Experience, Explore

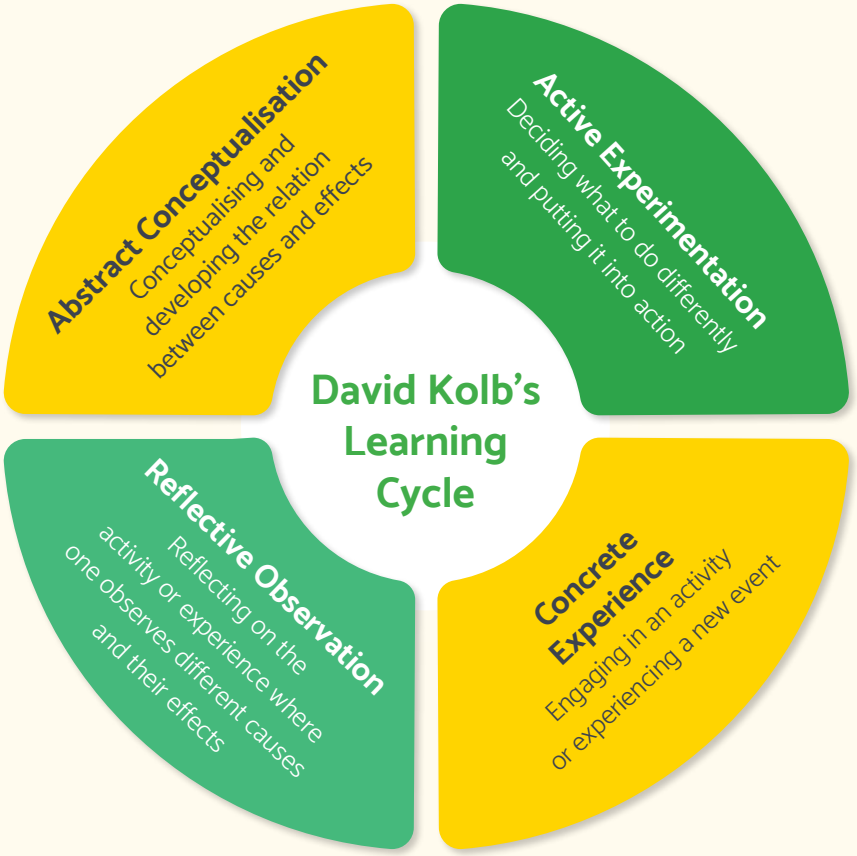
ScienceLab enables learners to experience, explore and apply science concepts through activities, virtual experiments and simulations.

ScienceLab consists of a Science Explorer box, ScienceLab software, a Mentor Manual and a teacher demonstration kit covering concepts of Physics, Chemistry, Biology and EVS.

Kolb's experiential learning cycle

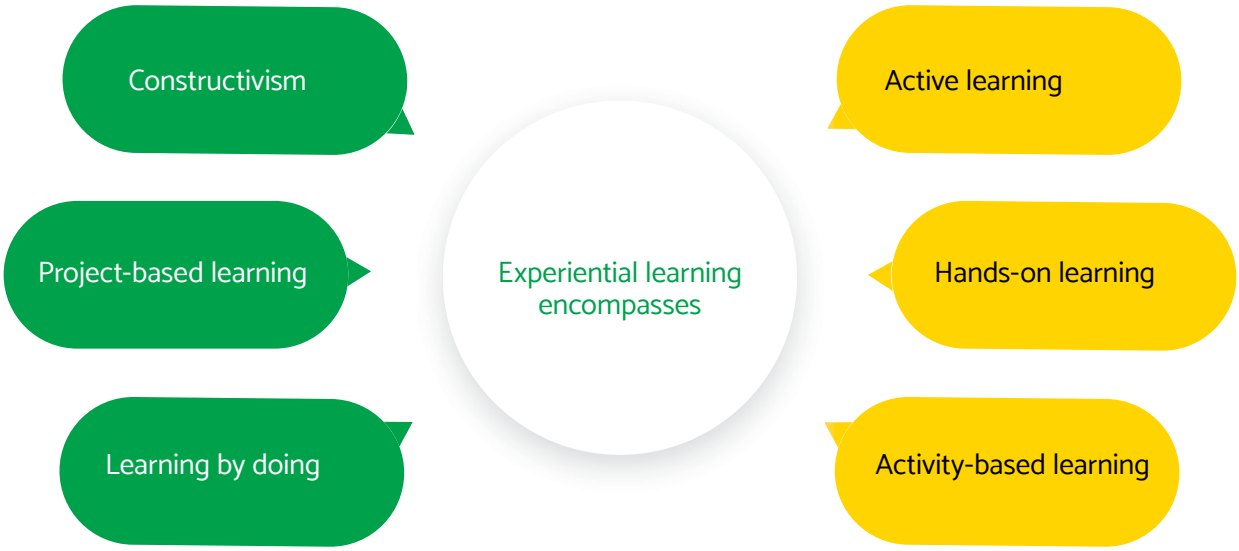
ScienceLab follows the experiential learning cycle designed by the educational theorist, David A. Kolb.

The four-stage cycle explains how gaining complete understanding of abstract concepts can help students apply them to real-life situations. A learner can enter the learning cycle at any stage to understand a concept.



Experiential learning and its benefits

Experiential learning is learning through reflection upon doing. Students learn from experience and in the process, they construct knowledge and develop critical-thinking skills. This ensures a better attention span in them, and they are able to learn faster and better.



Integrated components

ScienceLab integrates various components to optimise learning.

Science Explorer box	Mentor Manual
ScienceLab software	Teacher demonstration kit

Science Explorer box

NCF guidelines recommend the use of hands-on activities to impart science lessons. Our hands-on activity kit has been designed to facilitate experiential learning for children.

- Each kit contains 10 activities.
- Each activity interlinks 4–5 concepts.
- Available for grades 1–10

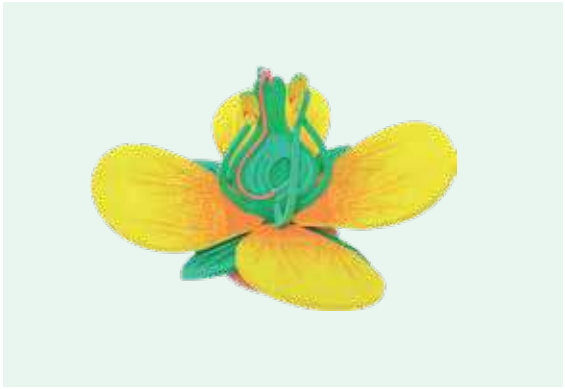
Science manuals and workbook

Students can make inferences and observations with these.

- A printed version and a DVD version of the instruction manual are available.
- The e-version of the instructional manual can be accessed on NextCurriculum app.

Teacher demonstration kit

Out of the 100 activities available in the Science Explorer box, some models have been enlarged for the teacher demonstration kit. These models can help teachers demonstrate activities to a class full of students more easily.



ScienceLab software

Hands-on learning has its limitations as every concept cannot be effectively applied, but we encourage the uninhibited exploration of scientific creativity in students. For instance, the effect of light on the process of photosynthesis can be explained with the help of the ScienceLab software.

ScienceLab software components

Simulations

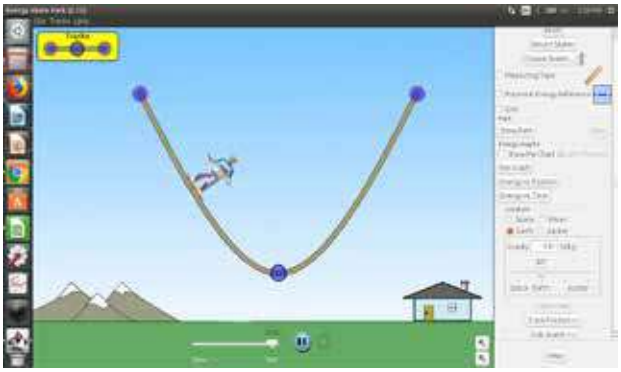
Interactive experiments

Interactive activities

Simulations

Simulations provide an opportunity to apply a concept in various situations by using technology. It allows learners to experiment and explore different aspects of a topic. For instance, students can calculate the effect of different gravitational forces on the mass of an object using the ScienceLab simulation.

50+ simulations for grades 6-10



Interactive experiments

NCERT-prescribed experiments are conducted in a stepwise manner in a virtual setup. An additional set of experiments is compiled by our in-house subject matter experts.

400+ experiments for grades 4-10

Interactive activities

These are computer-based activities through which students can reinforce the concepts learnt in class and relate to their daily lives.

140+ interactive activities for grades 4-10

Teacher training

- An introductory training at the beginning of the academic session helps teachers use ScienceLab effectively.
- Capacity-building workshops organised throughout the year help teachers stay abreast of the latest pedagogies.
- Refresher training programmes are also organised every year.

Mentor Manual

Mentor Manual provides instructions to teachers on how to conduct activity sessions and how and when to use certain tools. This is available for grades 6–10.

Encourage students to exhibit their scientific creativity. Request for Science Day in schools.

RoboticsLab™

Serious learning while having fun

Our advanced robot-building kit helps students fine-tune their engineering and programming skills. It not only integrates Science, Technology, Engineering and Maths (STEM) education with the curricula but also sharpens 21st-century skills-creativity, critical thinking, communication and collaboration.

Versatile robotics kit

The robotics kit gives students the opportunity to build an infinite number of robots – different parts can be combined in innumerable ways. It includes more than 150 quality parts and components, mechanical building elements, construction gears, pulleys etc.

THiNK - visual programming language

It reduces the entry barrier to programming and helps develop a learner's logical-thinking skills. The visual programming interface allows learners to transform their algorithm to a program without worrying about syntax.

Robust training and hand-holding

Extensive hand-holding is offered to teachers to make them aware of the possibilities of using robotics in classrooms and to help them integrate robotics with the curriculum.

Deliverables to schools

Deliverable	Description	Details
Content	NextRobotics content	Content licence of activities for • Foundation course – 64 activities • Post foundation course – 96 activities
Software	Visual programming language	Multi-user site licence for THiNK VPL
Hardware	NextRobotics kits	• 10 student kits • 2-year warranty on hardware and electronic components
Implementation		NextRobotics to be set up by Next Education engineers
Teacher training (3-6 teachers)	Year 1	6 days (40 hours) of initial training 3 days of training after 6 months 2 days of follow-up training
	Year 2 and 3	1 day of refresher training every quarter

Tools, components and features

- Multi-user site licence of THiNK
- Re-programmable microcontroller unit to interface with six sensors and three motors
- Teacher kit for higher-level scientific explorations

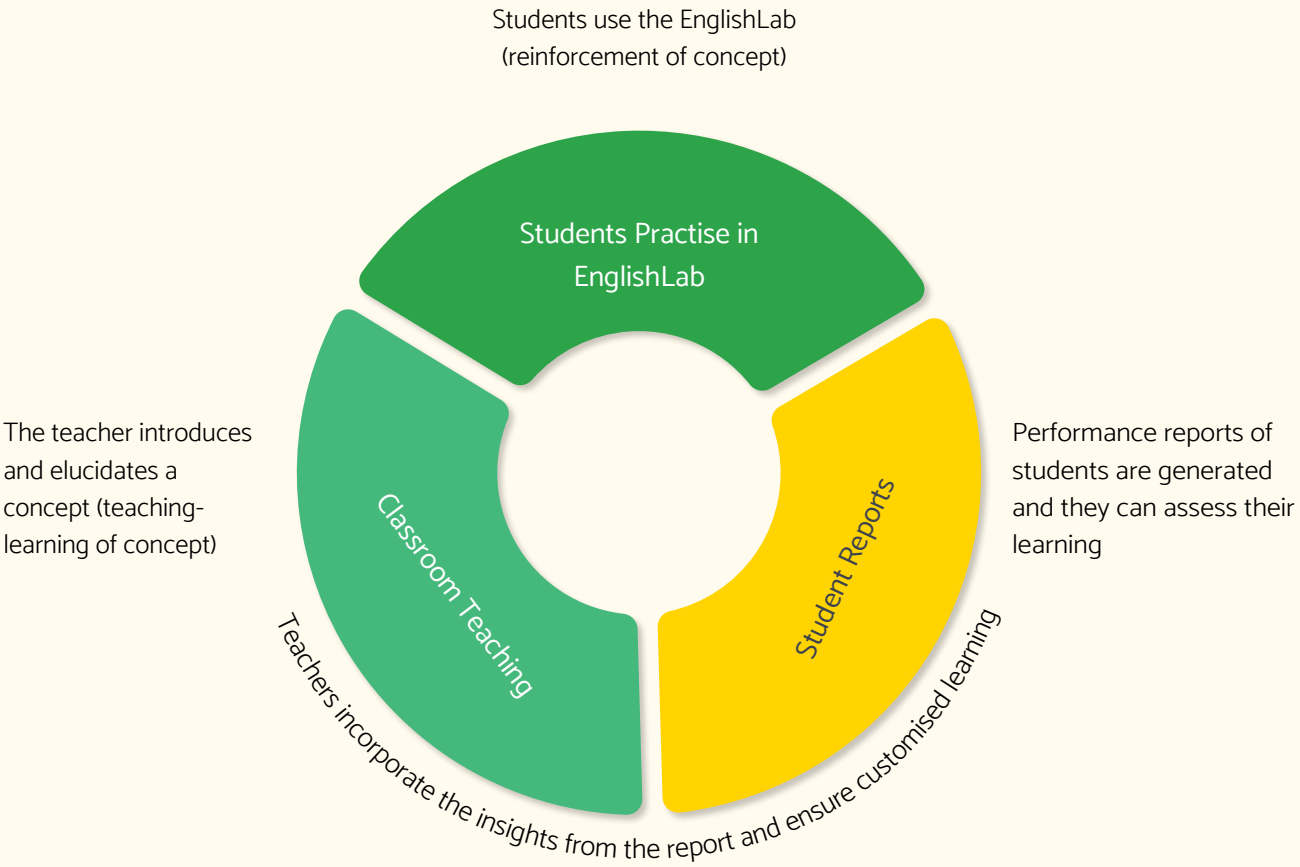
EnglishLab™

Grasping the language of opportunity

EnglishLab is an interactive English language learning solution designed to help students strengthen concepts taught in the classroom, develop English language skills and communicate effectively.

Blended learning is the guiding principle behind EnglishLab

Blended learning is a combination of face-to-face teaching and computer-based teaching, where learners benefit from a blend of both these approaches.



EnglishLab approach

Each student is different

The product is designed to cater to the different needs of each learner, helping them improve in areas where they require support.

Gamification of learning

EnglishLab makes learning a fun-filled experience by teaching concepts through a range of interesting games. This engages students fruitfully while helping them acquire skills and knowledge.

Designed with Indian learners in mind

From the relevance of the content to incorporation of voice-overs, all aspects of the product has been developed keeping Indian learners in mind. The effective feedback system not only flags errors but also explains them.

Exposure to different learning materials

The learning solution comprises a whole gamut of literary genres such as fiction, non-fiction and poetry. This helps learners build and reinforce their learning through practical usage.

Available for Grades 1-10

Instructor-led training

Instructor-led training or ILT modules are created with three essential sections, namely explanation, examples and exercises, to ensure complete understanding of the target concept.

Computer-based training

ILT modules are followed up with computer-based training or CBT sessions, which are graded from easy to medium to advanced, to ensure a well-paced practice for the students.

Exclusive tools to improve listening, speaking, reading and writing (LSRW) skills

The built-in **NextDictionary** enables teachers and learners check the meaning of words, helping them improve their speaking and writing skills.

The **pronunciation tool** helps learners perfect their pronunciation with a listen-record-compare feature. This improves their speaking skills.

The **phonetic tutor** incorporates all the 44 sounds of the English language with spelling variants, notes on pronunciation and examples, and a comprehensive explanation of mother tongue influence (MTI) errors and their corrections. This improves students, listening and speaking skills.

The **writing tutor** supports learners with hints and sample answers, helping them strengthen their writing skills.

Next Curriculum™

NextCurriculum is a comprehensive curriculum solution and a step towards truly immersive learning. It comes with seamless integration of stellar audio-visuals, hands-on activities, simulations, lesson plans, assessments and more. We also provide teachers and other school stakeholders with year-round training to enhance skills. NextCurriculum enhances the educational experience for all stakeholders.

NextCurriculum components

Books
The mainstay of learning, our books comprise core instructional books and a learners' companion book. To extensively supplement these, a digital version of the books is available on the NextCurriculum app.

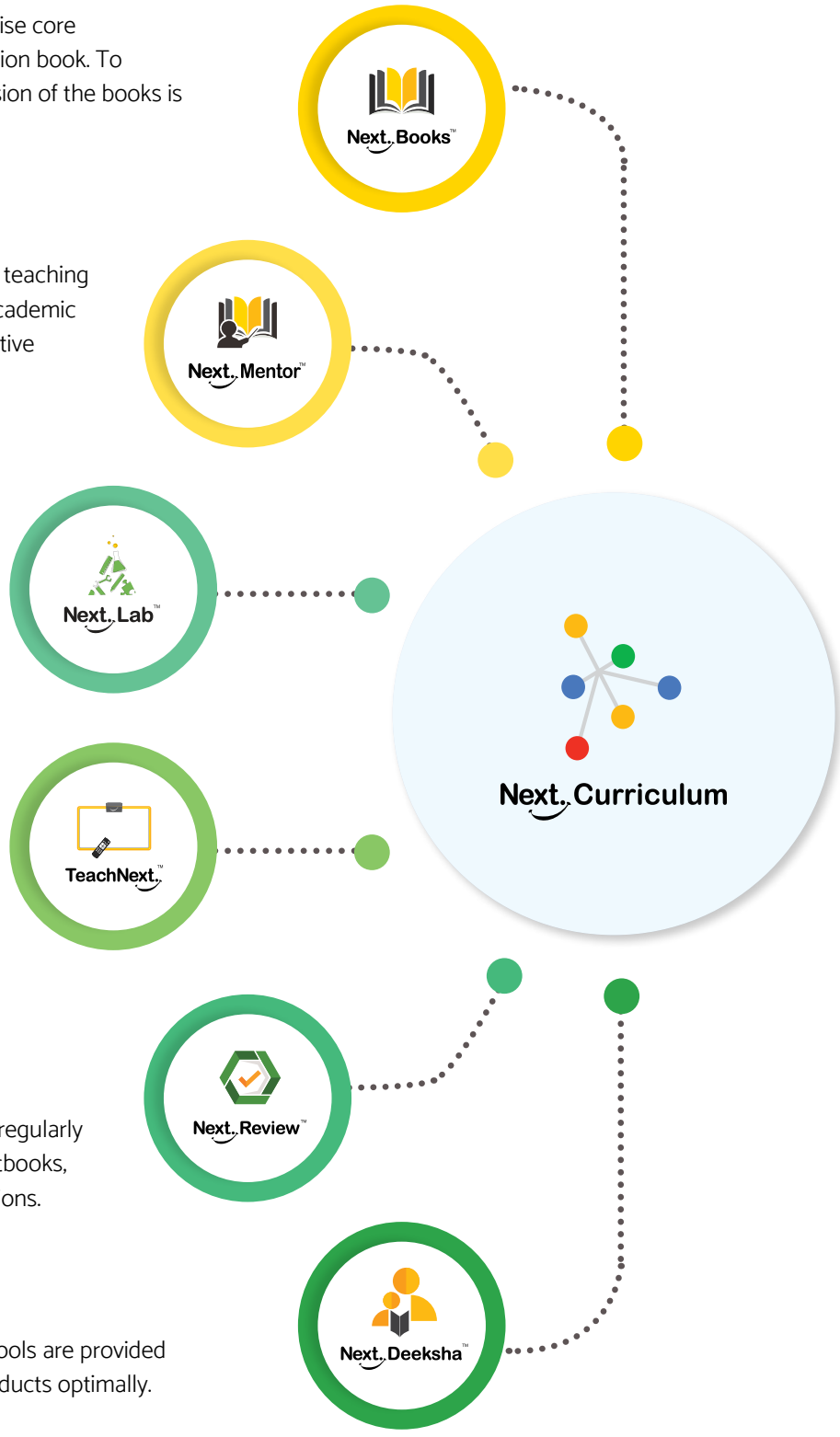
Mentor Manual
The mentor manual provides detailed daily teaching plans that help teachers plan their entire academic year. It also contains summative and formative assessments, question banks and more.

Hands-on learning
NextLab, along with the resource kits, provide an engaging experience to all kinds of learners using manipulatives, simulations, group activities and more.

Digital classroom
An optimal digital classroom solution that caters to different kinds of learners is seamlessly integrated with our books. It can also be accessed from home on computers, tablets and mobile phones.

Assessment
Formative and summative assessments to regularly track learners' progress are available in textbooks, Mentor Manual and digital classroom solutions.

Training
Extensive training and other events for schools are provided to help teachers and principals use our products optimally.



Next. Pre-primary

Sowing the first seed of learning

NextPre-primary books are based on play and hands-on learning and cater to curious early-stage learners. Much care has been taken to help evolve an environment that is conducive to sociality, provides linguistic richness, and engages children mentally and physically.

Approach

Formulated to suit the learning needs of a preschooler

In our NextPre-primary books, we follow the introduction, recognition, application and recap approach. Each new concept is preceded by a quick recap of the previous concept. The concept is introduced through rich and colourful visuals, which is followed by a recognition activity and an application activity. This approach not only helps children understand and retain the concepts better but also provides a rhythm to their learning process.

Engaging curriculum to promote active learning

NextPre-primary books teach the concepts through activities, practice tasks, stories and rhymes using examples to strengthen every domain of early childhood development.

Age-appropriate

NextPre-primary books are in sync with the various stages of growth and development of a child. The concepts are introduced accordingly to ensure that the learning is age-appropriate.

Real-life connect

NextPre-primary books are designed keeping in mind the child's physical environment to ensure that abstract concepts are easily understood by them.

Next Maths™

Taking the phobia out of Maths

NextMaths attempts to eliminate the fear associated with Maths and ensures the learner's enjoyment and eagerness to explore the subject. It is also aimed at reducing the abstractness of mathematical concepts with the integration of real-life scenarios to make them more relatable.

Approach

Story-based approach

It introduces the concepts in the form of a story based on real-life situations to make them relatable. This reduces the abstractness of the concepts and ensures students can understand them with ease.

Interdisciplinary approach

It advocates the use of Maths as a tool for making connections across different areas of learning such as Science, Geography and Economics. The books help learners revisit concepts from different perspectives to improve cognitive processes.

Multimodal learning

It uses different tools and activities for different kinds of learners, instead of just solving word problems. It improves their analytical skills and helps them approach a problem in various ways.

Fun Time

Invite a friend or a family member to play a game. Take 3 dice. The first player rolls the three dice together. The other player has to find the sum of the numbers rolled within 20 seconds. For each correct answer, you score 1 point. The player who scores 10 points first wins the game.

Collect some pebbles of one kind, and some more of another kind. Their number should be less than 10. Now collect some dry leaves equal to the total number of pebbles. Also, collect some dry flowers equal to the difference between the number of pebbles. Now arrange everything in a plastic glass.

Bloom's taxonomy

It determines whether the learning goals are being met. It creates assessments based on Bloom's taxonomy to measure learning ability and provides an opportunity for learners to reflect on their achievements.

Activity-based learning

It uses interesting experiments and projects to teach concepts. It ensures that learners retain the information better and know how to apply the concepts in daily life.

Tie and Dye

Life Skills: Logical thinking
Integration: Arts education

Aim: To create a design on a piece of cloth using Tie and Dye technique.

Material(s) required: A piece of white cotton cloth, a bucket with water, fabric paints, a roll of thread or rubber bands, wooden stick and an apron.

Tie and dye is one of the most widely accepted and one of the very traditional methods of printing textiles in India. With this technique, we fold, twist a cloth and tie with a rubber band. After tying the dye is applied to get different patterns on the cloth.

1. Wear an apron and take a bucket half-filled with boiled water and a wooden stick.
2. Take a piece of white cloth and tie a thread or rubber band tightly at different places as shown in the image.
3. Mix colour in the water and put the tied cloth in it. Keep stirring with the wooden stick.
4. Remove the cloth from the water and let it dry completely.
5. Now, untie the thread and see the patterns formed on it.
6. Display the cloth in your class.

Try tying the cloth with thread at different positions and do the same procedure and observe the patterns.

Note: Take the help of your parents if your are not able to tie the cloth with a thread.

Patterns 97

Available in Two Different Series

NextMaths

The NextMaths edition focuses on making the learning of maths an enjoyable experience for learners via a unique story-based approach. Stories based on real life situations help learners understand mathematical concepts easily and enhance their ability to apply them to solve real-world problems. The three-book approach (2 textbooks + 1 workbook) ensures learners get adequate practice.

Wonder Math

The Wonder Math edition adopts a learner-centric approach to ensure learners have a high degree of engagement in the classroom. This is achieved through activity-based learning (Think-Pair-Share and Teacher's Corner). Predefined homework questions ensure teachers have ample discussion time in the classroom.

Next English™

Learn to read and read to learn.
Learn to write and write to learn.

The NextEnglish series is designed to mould successful language learners and better thinkers who can effectively use English for both communicative and academic purposes.

Approach

Thematic learning

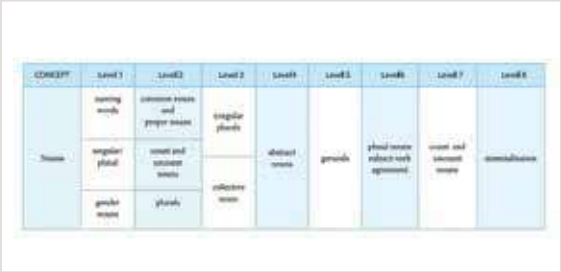
It facilitates a contextualised learning experience, where a single theme based on real-life situations is used to teach multiple concepts. The stories, poems, plays, non-fiction texts, infographics and activities that follow these texts are based on the theme or the context of the chapter. This helps learners make meaningful connections with their daily lives.

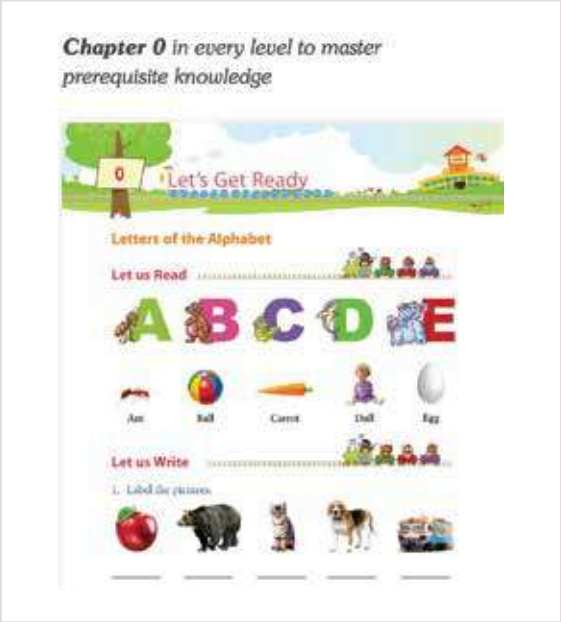
Interactive and engaging

The curriculum facilitates participatory and interactive pedagogic practices where knowledge is constructed and not just disseminated. NextEnglish is replete with opportunities for students to initiate discussions and debates on text-related topics, to actively participate in their learning process and also collaborate with their peers.

Age-appropriate progression

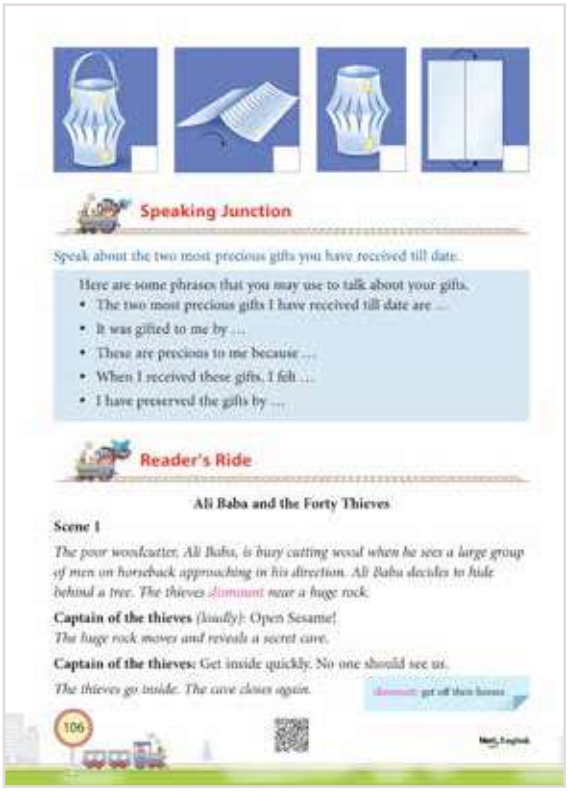
Concepts in grammar, vocabulary and phonics follow a developmental progression in complexity. It ensures an age-appropriate evolution of language learning and also eases the teaching process.





Focus on multiple outcomes

It facilitates the use of language as a tool for communication and for acquiring knowledge by enabling them to think, observe, reflect and formulate meaning. NextEnglish enhances skills such as critical-thinking and problem solving in students. Game-based activities and projects based on real-life situations also help develop life skills and creativity.



Available in Two Different Series

Integrated Approach

NextEnglish integrates various sections like reading, grammar and cursive writing. Teaching grammatical concepts based on a familiar context also eliminates the abstractness of the concepts.

Independent Approach

Prime English series follows an independent approach to teach literature and language. The reading and grammar sections are covered in separate books for an independent understanding of different aspects of the language.

Next.. हिंदी™

A smooth transition to a new language

NextHindi is designed to draw upon the unique life-experiences of students to make learning Hindi an easy process. It helps students become adept in modern, standard Hindi. It ensures improved cognitive growth, interpersonal communication skills and conceptual clarity through a holistic language learning experience.

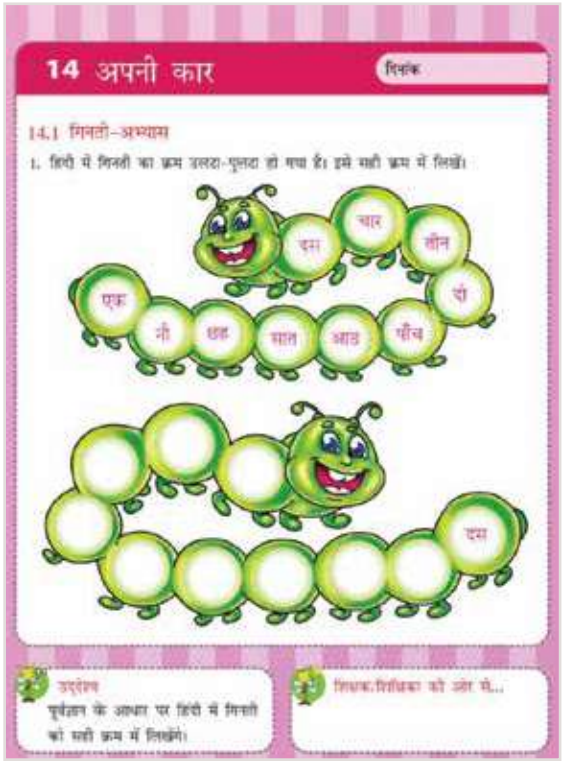
Approach

Constructivist learning

It ensures knowledge construction by assimilation and accommodation of the learner's experience. NextHindi provides a comprehensive language learning experience through various genres of text and activities that are stimulating and graphic.

Whole language approach

It aims to develop the knowledge about the language while viewing it as a complete meaning-making system. It encourages learners to read and write for 'practical purposes', by integrating Hindi with non-literary subjects such as Maths, Science and Social Studies. The focus on comprehension rather than grammar makes literature meaningful, and helps in the free expression of ideas.

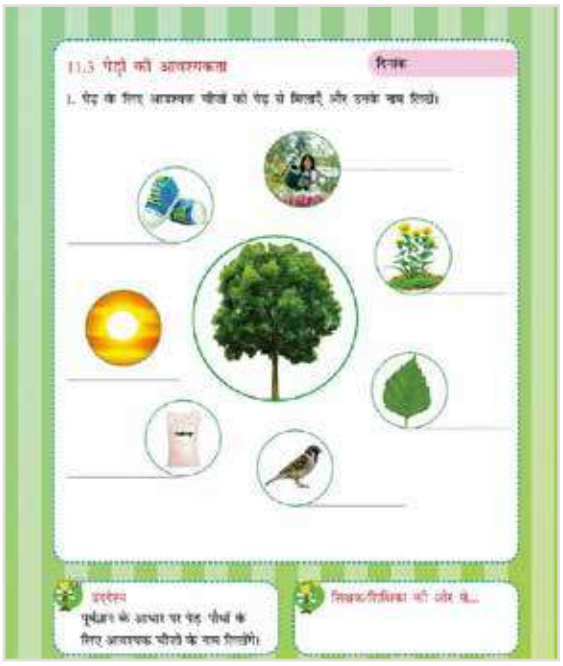


Thematic learning

It fosters better understanding of concepts with stories, poems and non-fiction texts based on real-life situations. The close association of the content with a child's immediate environment reduces abstractness and helps to grasp concepts easily.

Critical-thinking skills

It uses activities, exercises and projects to encourage students to refrain from rote learning and develop critical-thinking skills. Critical thinking provides students with a polished way of communicating, acquiring knowledge and dealing with new information.



Holistic approach

NextHindi inculcates relevant life skills in students with texts focusing on social and interpersonal skills as well as moral values and experiences from everyday life. The socially relevant content helps learners to become responsible citizens.

Child-centric learning

It aims to bring the child to the centre of learning, with the teacher as the facilitator. The activities and exercises provide space for the growth of the child's imagination, interests and learning styles.

Activity-based learning

The curriculum provides extensive activities for the balanced development of listening, speaking, reading and writing skills. These skills are taught in an integrated method rather than in isolation to achieve all-round improvement in the use of Hindi.

Available in Two Different Series

Saral Edition

NextHindi Saral edition caters to learners in regions where Hindi is not widely spoken. The books with simplified content allows adequate time to introduce new topics.

This edition has the following additional features:

Note to Parents

This is included in some of the activities prescribed in the book, encouraging parental involvement.

Hindi-to-English Glossary

It has been included at the end of every book, explaining the meaning of difficult words.

Pan-India Edition

NextHindi Pan-India edition caters to learners in regions where Hindi is the dominant language. The books with standard content deals with subjects and topics in a more complex manner as compared to the Saral edition.

Next Explorers™

Bringing exploration and experimentation back to EVS

Our environmental studies series, NextExplorers, also available as NextScience and NextSocialStudies, engages learners by letting them explore and experiment, which facilitates an in-depth understanding of concepts. It is designed to create environmental awareness and inspire students to take responsibility and act towards protecting and nurturing the environment.

Approach

Holistic approach

It encourages family and peer interaction and building social skills. It enables students to explore, research, experiment and critically understand their own world as well as that of others. It helps them understand the nature of society and become responsible citizens aspiring to make a positive impact in the world they live in.

Enquiry-based learning

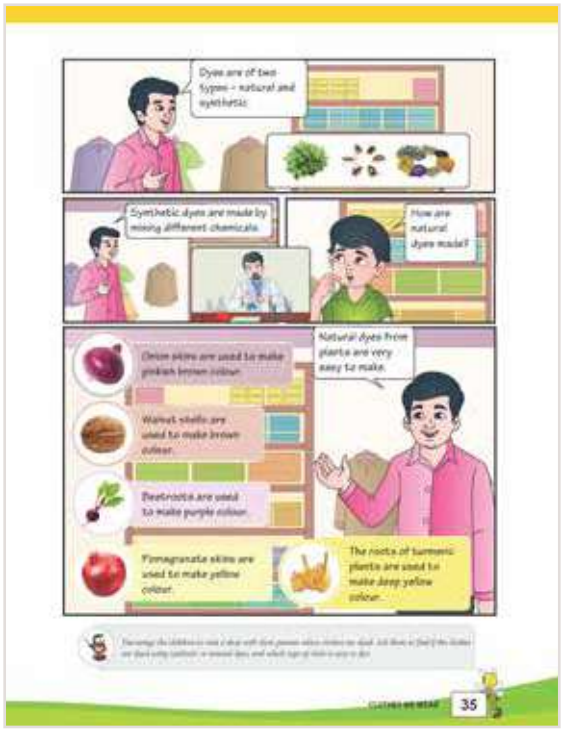
It facilitates learning by posing questions, problems or scenarios and involves self-directed enquiry and research by the students. This nurtures their innate curiosity and enhances their thinking skills.

Activity-based learning

It includes experiential learning that is based on hands-on experiments and activities to explain EVS concepts. It ensures better understanding and long-term retention of concepts. It develops life skills, creative skills and critical-thinking skills including higher order thinking skills (HOTS).

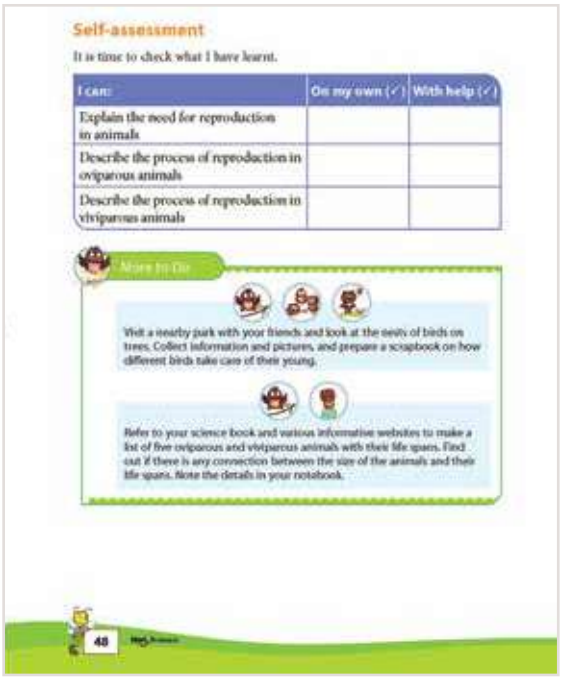
Story-based approach

It introduces concepts in the form of stories based on real-life situations with pictorial examples for better comprehension. This helps learners grasp the subject easily by relating the concepts with daily-life experiences and reduces the abstractness of EVS.



Multiple intelligences

It caters to different kinds of intelligences–visual, auditory, literary and kinaesthetic–through activities and tools that are most suitable for each student. It helps students use their thinking potential to the fullest, develops qualities such as creativity and reasoning and concretises classroom-learning experience.



Available separately as NextScience and NextSocialStudies

Instilling awareness and curiosity about the world

Next General Knowledge books focus on inculcating in children an awareness of the world around them and beyond. The series consists of eight books for grades 1-8, prepared under the guidance of India's top quiz masters. Additionally, the curriculum includes Mentor Manual for teachers and monthly current affairs for students as an online support.

Approach

Thematic approach

Each book consists of nine themes: Our India, Sports World, Fun with Words, Plants and Animals, Our World, Life Skills, Science and Technology, Brain Teasers and Miscellaneous. The themes shed light on different subjects as well as the latest national and international events.

Immersive learning

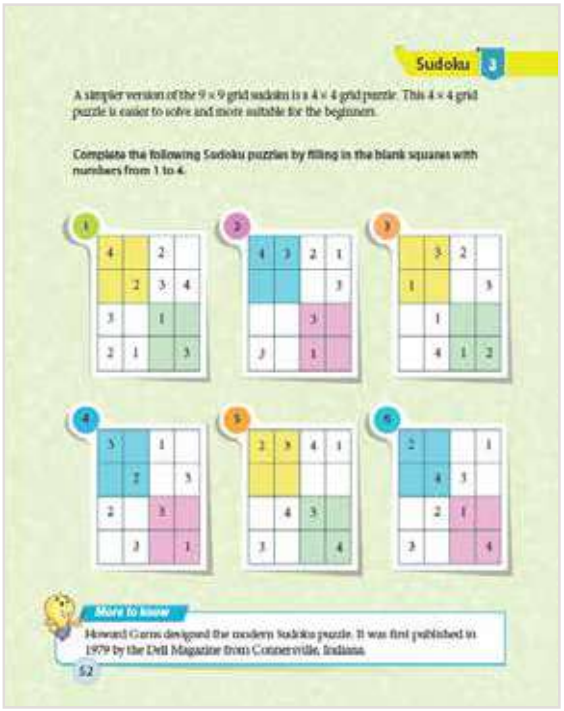
The main aim behind featuring interesting facts and trivia associated with the given topics is to make the learning as immersive and engaging as possible. A lively and colourful visual layout helps capture and retain the attention of the child.

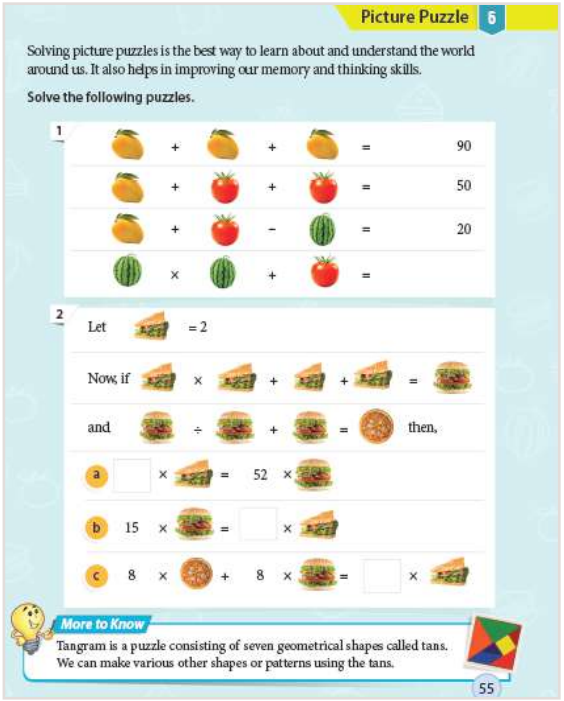
Emphasis on aptitude and personality development

The Next General Knowledge books include topics that help in the development of logical thinking and strengthening of the cognitive and intellectual spectrum. General life hacks covered in the Life Skills section help a child deal with the day-to-day challenges of life.

Coverage of a wide range of subjects

In today's world, it is important that children have knowledge of a variety of fields. The Next General Knowledge books draw topics from a variety of subjects and fields, and are not limited to a detailed study of any one area of knowledge. This helps a child's cognition of multiple topics and events within and outside their immediate surroundings, thereby making them aware of the world they live in.





Next Value Education & Next Life Skills

Making students life-ready

This curriculum aims to instil basic values and develop life skills in students, which would help guide their behaviour and actions on a daily basis and hence constitute a holistic development and lifelong competency.

We provide Value Education for grades 1-5 focusing on coverage of values through stories, and Life Skills for grades 6-8 with a special emphasis on core life skills via interactive learning activities.

Approach for grades 1-5

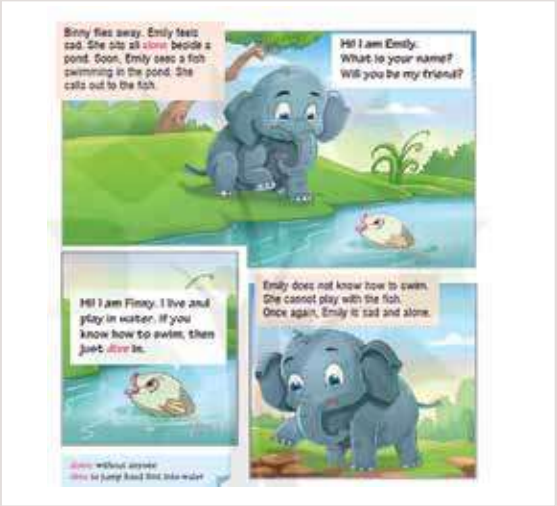
Exhaustive coverage of values

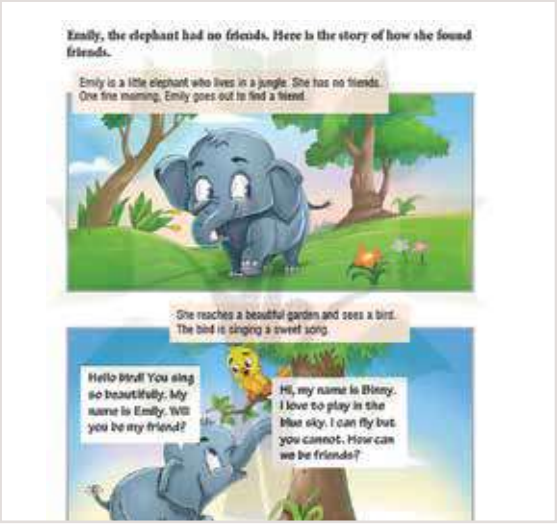
The series encompasses value concerns related to health and hygiene; responsibility towards one's own self, work and society; love, care and compassion; appreciation of beauty and aesthetics etc. Some of the values emphasised in our curriculum are, tolerance, honesty, kindness, respect, punctuality, discipline and patriotism. The inculcation of these values would help the all-round development of young learners.

Core Value Concerns	
Responsibility	towards personal development
	towards one's work /duty
	towards one's soceity and environment
Love, care and compassion	
Critical and creative thinking	
Appreciation for beauty and aesthetics	

Story-based approach

Stories have long been acknowledged as one of the best mediums to teach young children ethical and moral values. The series comprises stories that draw upon the everyday life experiences of children, and are hence easily relatable to them. Each lesson has a host of exercises and activities that test the learner's multiple levels of intelligence.





Approach for grades 6-8

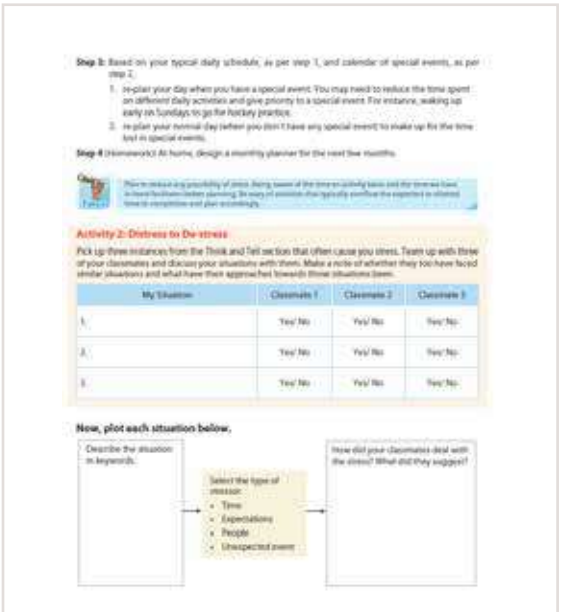
Focus on ten core life skills

The series focuses on ten core life skills as identified by the World Health Organization (WHO). These ten core life skills can be grouped into three basic categories that include thinking skills (problem-solving, critical-thinking, creative-thinking, decision-making, self-awareness), social skills (effective communication, interpersonal relationships, empathy), and emotional skills (coping with stress, managing emotions). The development of these life skills among children will help promote their mental and social well-being, and also make them emotionally and cognitively competent to deal with the everyday challenges of life.

Category	Focus Life Skill
Thinking Skills	Self-awareness
	Critical-thinking
	Creative-thinking
	Decision making
	Problem solving
Social Skills	Interpersonal relationships
	Effective communication
	Empathy
Emotional Skills	Coping with stress
	Managing emotions

Learner-centric approach with interactive classroom activities

Life skills education today misses out on ensuring the active involvement of students in the learning process. A hands-on approach where students participate actively in the learning process is the underlying philosophy of this series. It is a mix of activities which constitute the main focus of each chapter. Each activity concludes by mentioning the key learning inferred from the given activity.



Imparting 21st-century skills to make learners future-ready

The Computer Masti curriculum focuses on making students IT fluent with an emphasis on 21st-century skills, such as critical-thinking, communication, collaboration and creativity. These skills help them thrive in a technology-driven world. Curriculum for Computer Masti was developed in collaboration with professors of Computer Science of IIT Bombay.

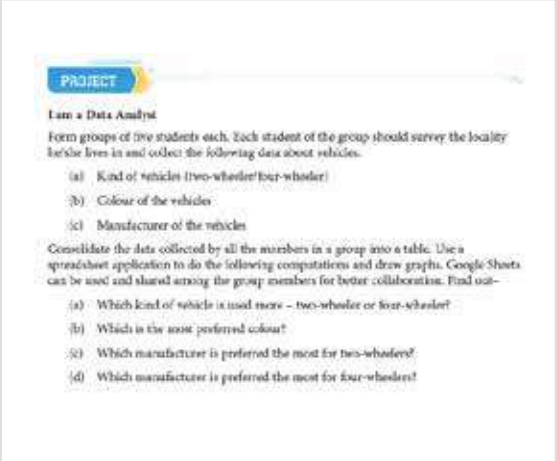
Approach

Aimed at digital fluency

The books are aimed at developing digital fluency in students as it is one of the most essential measures for achieving competency in the 21st century. Students should not only have the ability to comprehend technology but also to utilise it to create new tools for its effective functioning.

Future-readiness

It is a fact that with the rapidly advancing technology, any Computer Science curriculum created around latest technologies is bound to be ineffective in the future. So, to mitigate this challenge, the Computer Masti curriculum focuses on enabling students to effectively apply the workings of existing technologies. It also helps develop their aptitude and skills to foresee and create future technologies.


PROJECT

I am a Data Analyst

Form groups of five students each. Each student of the group should survey the locality he/she lives in and collect the following data about vehicles.

(a) Kind of vehicles (two-wheeler/four-wheeler)

(b) Colour of the vehicles

(c) Manufacturer of the vehicles

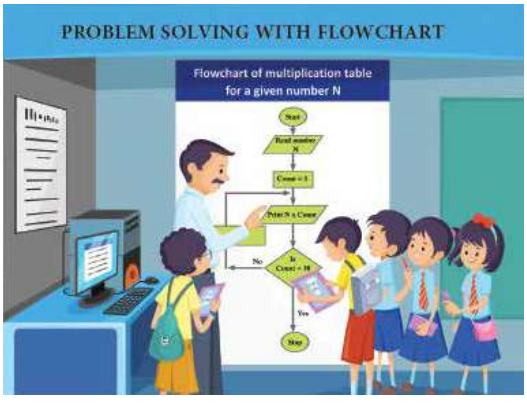
Consolidate the data collected by all the members in a group into a table. Use a spreadsheet application to do the following computations and draw graphs. Google Sheets can be used and shared among the group members for better collaboration. Find out–

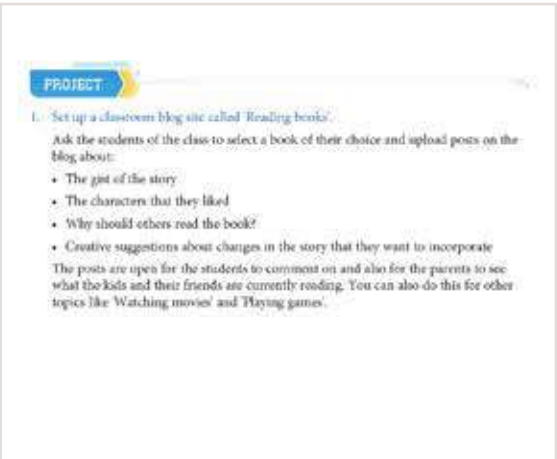
(a) Which kind of vehicle is used more – two-wheeler or four-wheeler?

(b) Which is the most preferred colour?

(c) Which manufacturer is preferred the most for two-wheelers?

(d) Which manufacturer is preferred the most for four-wheelers?




PROJECT

1. Set up a classroom blog site called 'Reading books'.

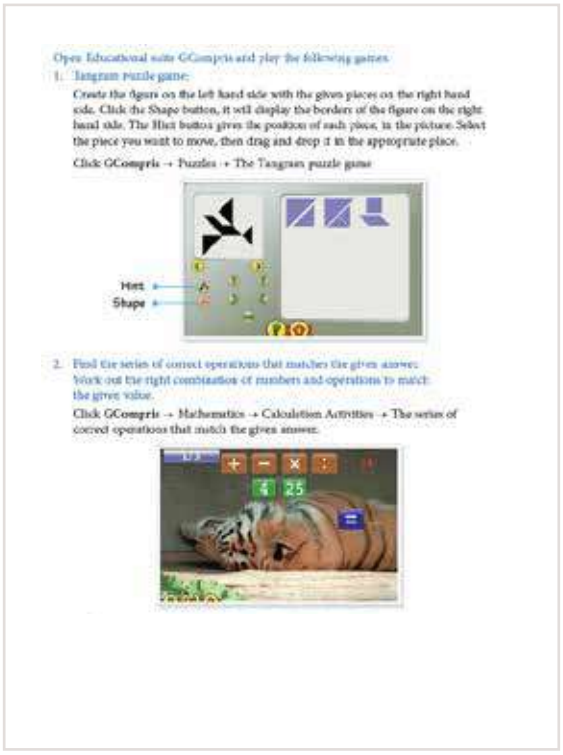
Ask the students of the class to select a book of their choice and upload posts on the blog about:

- The gist of the story
- The characters that they liked
- Why should others read the book?
- Creative suggestions about changes in the story that they want to incorporate

The posts are open for the students to comment on and also for the parents to see what the kids and their friends are currently reading. You can also do this for other topics like 'Watching movies' and 'Playing games'.

Connecting other disciplines

The Computer Masti curriculum focuses on the interconnection of Computer Science with other subjects. Such an interdisciplinary approach helps students learn and experience the relevance of each subject as an integrated whole. They also learn the benefits of integrating Computer Science with other subjects, as well as the ideas on how to do so.


Open Educational suite GCompris and play the following games.

1. Tangram puzzle game:

Create the figure on the left hand side with the given pieces on the right hand side. Click the Shape button, it will display the borders of the figure on the right hand side. The Hint button gives the position of each piece, in the picture. Select the piece you want to move, then drag and drop it in the appropriate place.

Click GCompris → Puzzles → The Tangram puzzle game

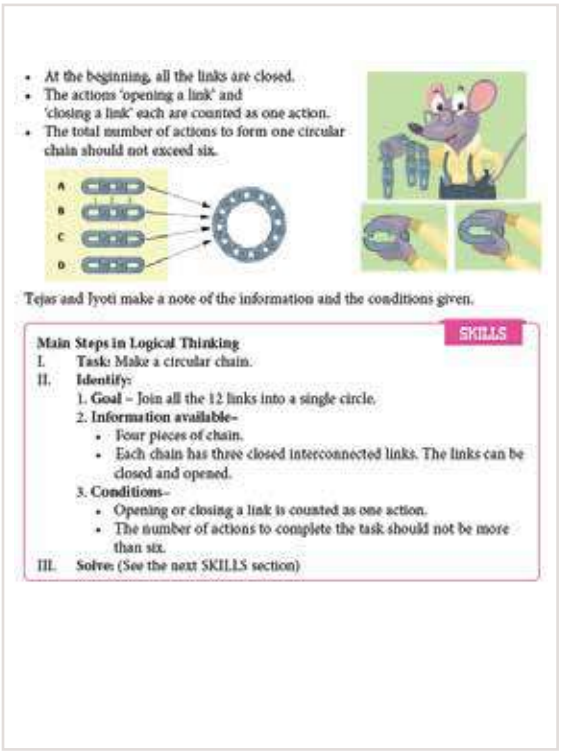
2. Find the series of correct operations that matches the given answer.

Work out the right combination of numbers and operations to match the given value.

Click GCompris → Mathematics → Calculation Activities → The series of correct operations that match the given answer.

Conversational-style teaching

The books aim to teach Computer Science to children in a fun and interactive way. The lessons have a conversational and visual style that is similar to comics, and it helps in generating interest among learners. This approach helps independent learning, with minimal mentor supervision.


- At the beginning, all the links are closed.
- The actions 'opening a link' and 'closing a link' each are counted as one action.
- The total number of actions to form one circular chain should not exceed six.

Tejas and Jyoti make a note of the information and the conditions given.

SKILLS

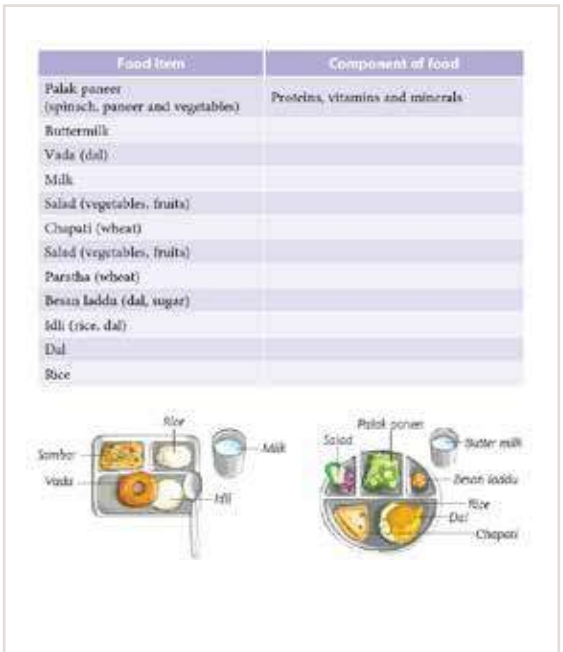
Main Steps in Logical Thinking

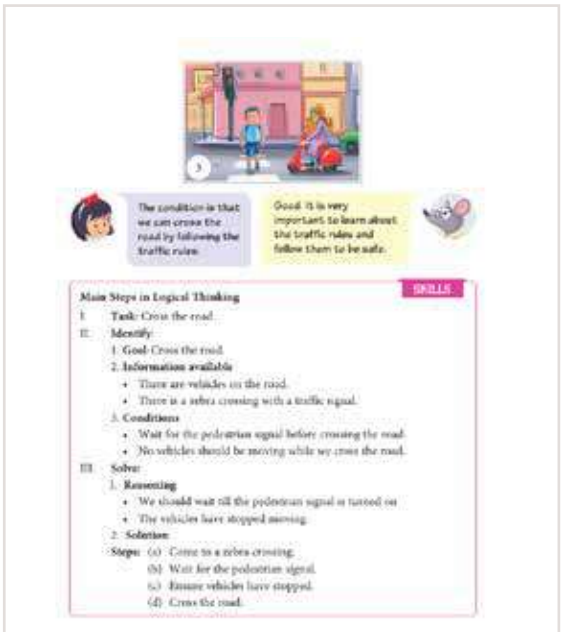
I. **Task:** Make a circular chain.

II. **Identify:**

1. **Goal** – Join all the 12 links into a single circle.
2. **Information available–**
   - Four pieces of chain.
   - Each chain has three closed interconnected links. The links can be closed and opened.
3. **Conditions–**
   - Opening or closing a link is counted as one action.
   - The number of actions to complete the task should not be more than six.

III. **Solve:** (See the next SKILLS section)


Food item	Component of food
Palak paneer (spinach, paneer and vegetables)	Proteins, vitamins and minerals
Buttermilk	
Vada (dal)	
Milk	
Salad (vegetables, fruits)	
Chapati (wheat)	
Salad (vegetables, fruits)	
Paratha (wheat)	
Besan laddu (dal, sugar)	
Idli (rice, dal)	
Dal	
Rice	



Next. IT SKILLS

Meeting the challenges of a technology-driven world

Next IT Skills is a series of eight books that caters to the growing number of students who wish to learn about various computer-related tools, technologies and softwares for educational purposes. The series focuses on enhancing IT skills of students to enable them to readily take up the challenges of the modern world.

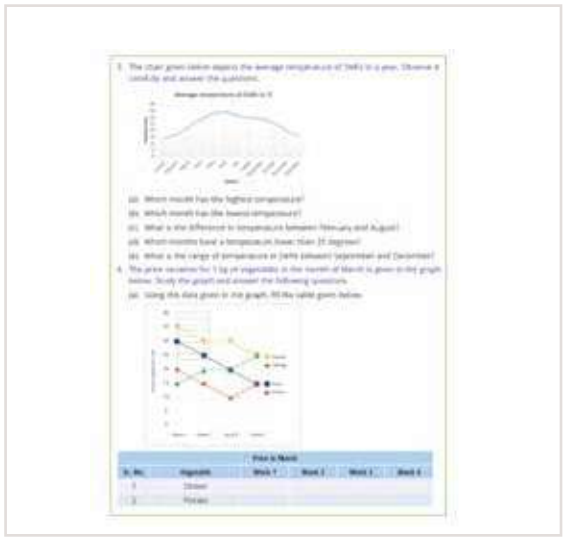
Approach

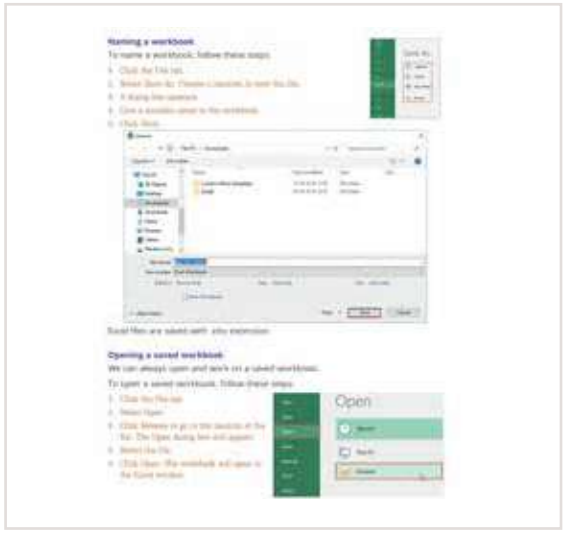
Creating engagement

The Next IT Skills series presents key points to learners through the use of interesting characters, thereby keeping them engaged. Since students are engrossed in the characters in the lessons, they are able to retain the concept for longer periods of time and utilise their higher order thinking skills.

Active learning

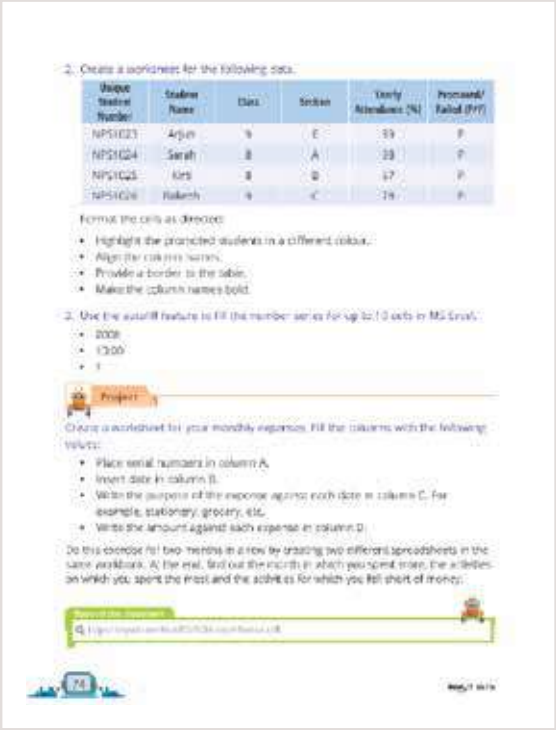
The series also comprises worksheets, projects and lab activities to facilitate active learning and revision for students. Active learning helps them interact with the content and make a personal connection with it. This develops a stronger understanding of the subject, thus enabling its application to real-world situations.





Utility of lessons

The lessons in the series have been designed in such a way that students can apply the acquired theoretical knowledge to their immediate environment. The lessons are structured carefully for their easy comprehension and application in real life.



Contemporary technologies

The series teaches learners about contemporary technologies. These include software and operating systems such as MS Office, Windows 10 and Android operating system.The intent of teaching the basics of contemporary technology to students is to keep them abreast of the latest developments in the field of information technology.

This series is available for both Linux and Windows operating systems.

Unlocking the creative and artistic potential of kids

With the Next Art & Craft series, we intend to give arts its rightful place in the curriculum. This series aims to develop creativity and imagination in young children, and hopes to facilitate self expression through art. It will help foster a sense of uniqueness, artistic skill and do-it-yourself attitude among young learners. The Next Art & Craft series is built with the strong belief that arts as a subject, holds the same importance in the cognitive development of a child as any other subject.

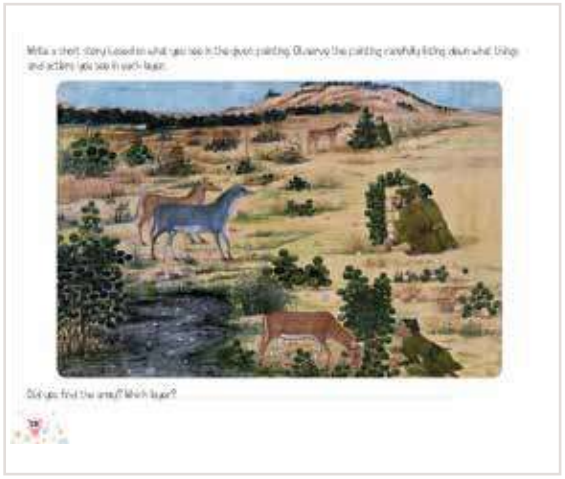
Approach

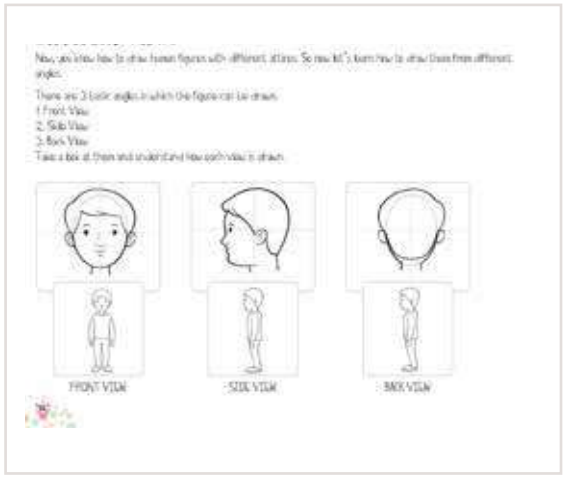
Art as a subjective experience

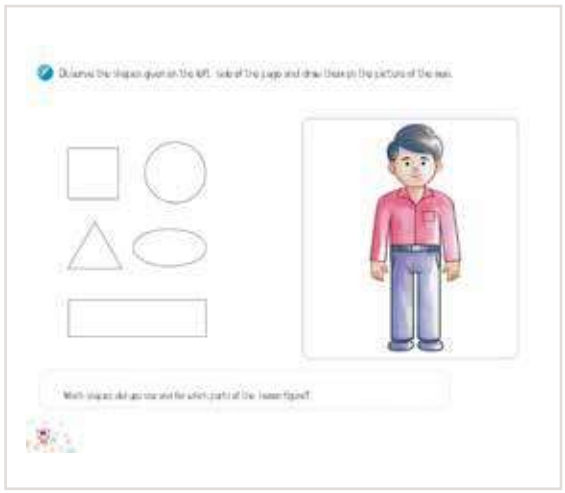
The Next Art & Craft series introduces learners to famous historical and contemporary artworks. These are designed to draw out personal reactions from learners and help them appreciate the subjectivity of experiences - something which is unique to this series.

Age-appropriate progression

Across grades I to V, the concepts increase in complexity in a gradual, age-appropriate progression. For example, in grades I to III, children learn to use shapes to create different images. This acts as a starting point for creating more detailed and life-like images in grades 4 and 5.





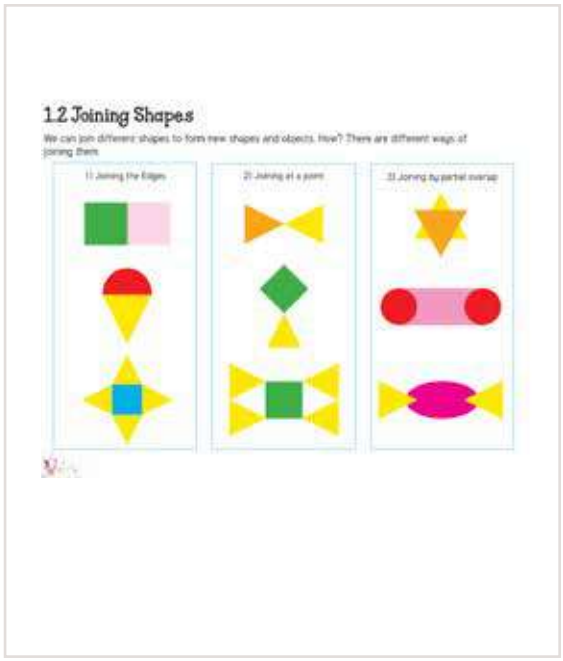


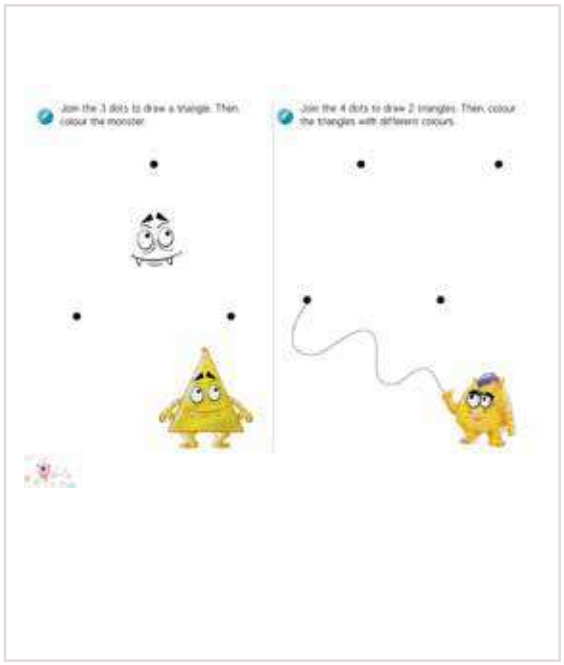
Learning like a language

In this series, we encourage a child to learn arts just as they would learn a language. In a language we learn letters first, then words, followed by phrases and finally sentences. Here, we go through a similar 'image-making' process where we teach children the basic concepts of dots, lines, different shapes and how an object can be created through the combination of these shapes. This process graduates into 'image-making as a response to different contexts and experiences' and finally to 'expressing individual ideas through art'.

Focus on visual literacy and creative thinking

This series focuses not just on visual arts but also on visual literacy and creative thinking. Every chapter culminates in an open-ended exercise that allows the child to combine theoretical learning with imagination to create something new. For instance, there are exercises that require children to interpret images in a story sequence, and then predict and draw what happens next.





Available in Two Different Series

Next Art & Craft series

The Next Art & Craft series has been designed for schools to allocate two lectures for teaching the subject every week. It comes in two books and covers the subject in-depth by including additional topics such as typography and more.

Artverse edition

The Artverse edition has been designed for schools which allocate one lecture for teaching the subject every week. It comes in one book and covers essentials of the subject such as landscape and human figures.

Next Academic Packages

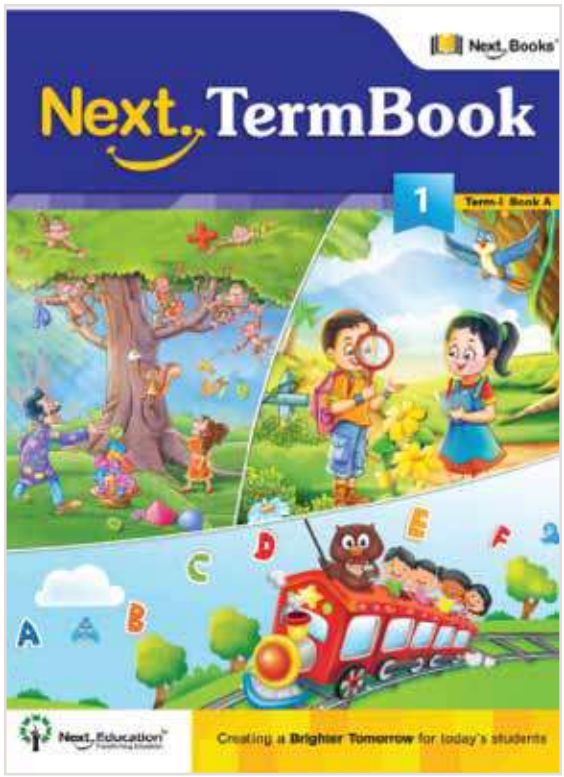
Next Education offers a wide range of packages to ensure that all the required products are easily accessible for the school management.

Maths-English-EVS Combination Packages

This series puts together EVS, Maths and English in one single book for grades 1 and 2; and Maths, English, Science and Social Studies in one book for grades 3, 4 and 5. This reduces the number of books a student has to carry during an academic year.

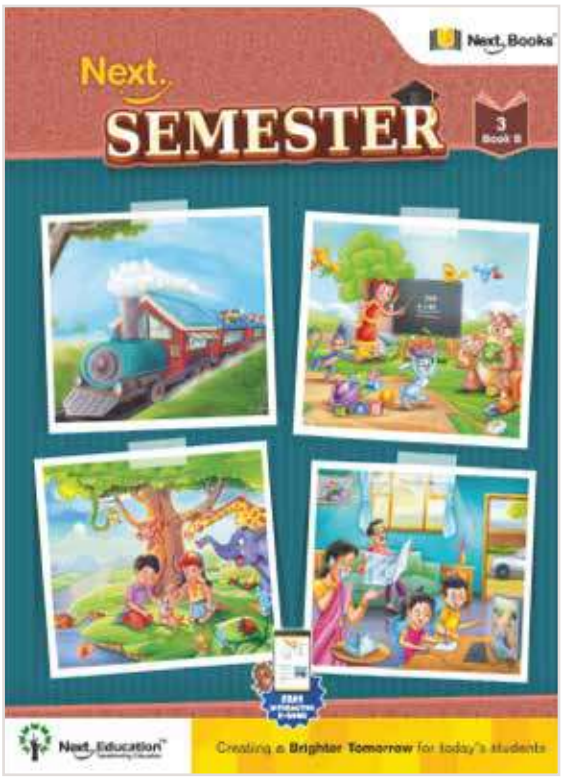
Next TermBook™

A three-book package, this caters to the needs of schools which follow a three-semester academic structure.



Next SEMESTER

A two-book package,this caters to the needs of schools which follow a two-semester academic structure.

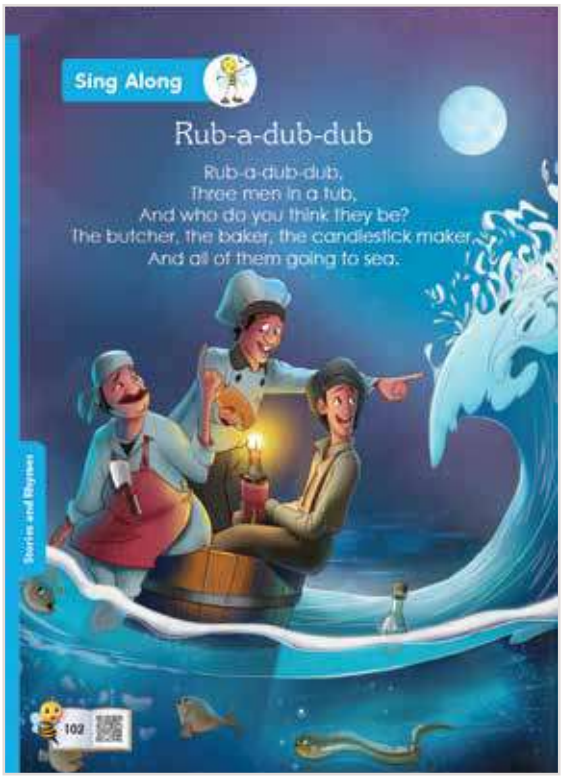


A complete solution for today's preschools

Tinker is a complete academic solution that has been carefully crafted to connect all the dots. This one-box solution will help students to develop a love for learning, and help teachers align concepts taught in class to monthly assessments to ensure that quality is not compromised.

Components

- Interactive books with access to videos through QR codes
- Augmented Reality products for Pre-primary
- Practice notebooks
- Monthly assessments
- Training
- Art & craft kit



Features of NextBooks

NextBooks consists of impeccably well-structured award-winning content and highly attractive graphics and print features. Everything, from the appealing look and feel, carefully crafted content to the teaching approaches, helps to engage learners and keeps them eager to explore more.

Content structure

Refresh and recap

Research suggests that only when students have completely grasped previously taught concepts, can they learn new ones. Our chapters open with a refresher section to quickly revise the concepts taught earlier and end with recapitulation pointers to summarise the content.

Let Us Recap

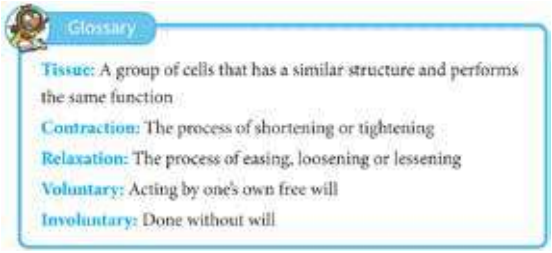
- Muscles work in pairs and help in the movement of bones by contracting and relaxing.
- There are three types of muscles – skeletal muscle, smooth muscle and cardiac muscle.

Mentor tips

The books are replete with unique teaching guidelines.

Glossary

Grade-appropriate words are introduced in every chapter to help learners build their vocabulary.



Quality and production

Printed on elemental chlorine-free paper

Interesting characters that appeal to children's imagination

Digital Resources

Digital components of NextCurriculum extend learning beyond the textbooks, and make the learning process interactive and engaging. Furthermore, they widen the range of accessibility of learning resources and make learning possible anytime, anywhere.

Interactive digital books

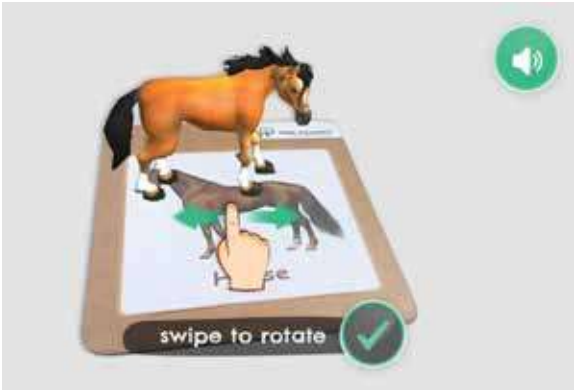
Our e-books enable students to study from any place and at any time, using a computer, a tablet, or a smartphone. Students can watch videos, make notes, take part in activities and work on assignments. Reports of their activities can be generated and sent to parents.

QR codes – Doors to digital content

QR codes are strategically placed within the physical books. On scanning them, students can watch videos on their smartphones to gain clarity of concepts.

Augmented Reality products

Designed for pre-primary students, it gives them exposure to real-life scenarios at home. It provides them the opportunity to play and enhances their creativity and imagination.



Check out our NextCurriculum app on Google Play

Free sample chapter: Students can unlock a few chapters for free before buying a book online.

Mentor Resources

A teacher's academic companion

NextBooks provides ample resources for instructors to teach effectively.

Mentor Manual, complimentary with the books, provides organised and extensive teaching plans, a wide range of activities and more, that enables teachers to make optimal use of textbooks. The Mentor Manual section on NextCurriculum app makes all of these available to the teacher at any place and time.

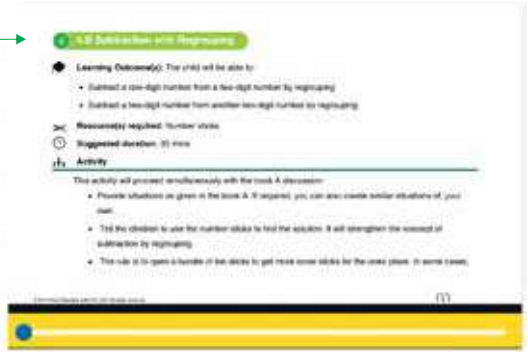
The Resource Kit for mentors not only decreases the time for crafting innovative tools to teach concepts, but also enriches classroom experience via student-teacher and peer interaction.

Mentor Manual

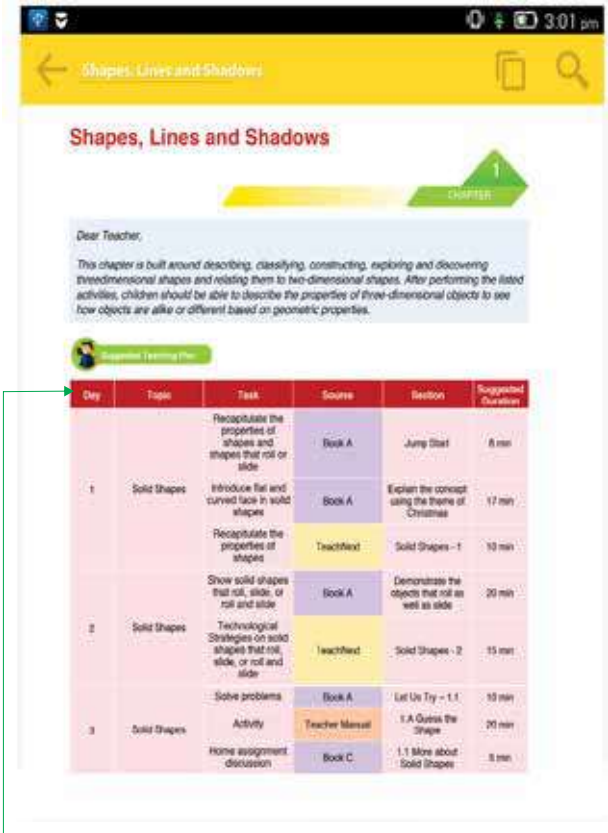
Suggested teaching plan

Each chapter has a suggested teaching plan that is divided into day-wise lesson plans. Every lesson plan indicates different components such as digital content, activities and more.

The Mentor Manual also suggests a range of activities for every chapter with step-wise instructions and clearly-mentioned skills to build on, as well as learning outcomes and resources to use.



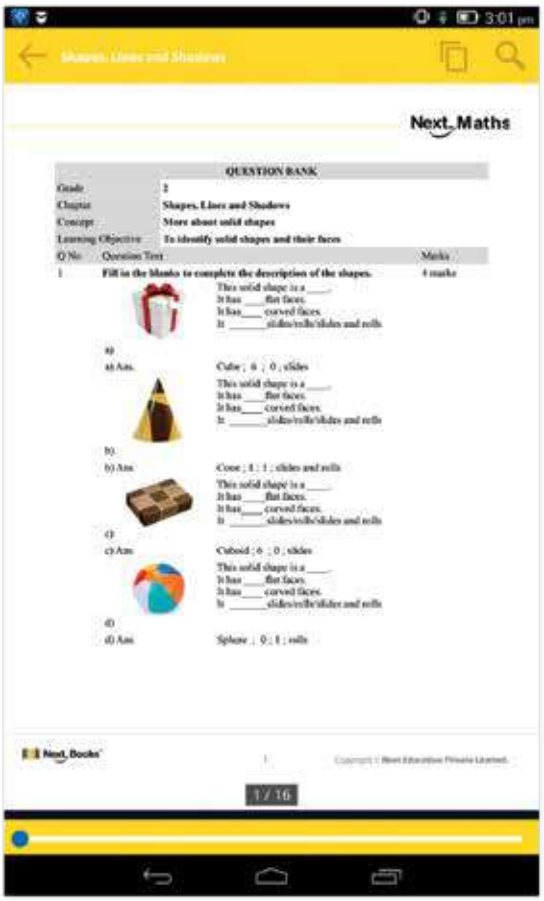
Activities



Suggested teaching plan

Question bank for every chapter

A question bank (along with answer key) is available for every chapter that teachers can use for setting question papers, or to simply provide extra practice to students.



Assessments

Formative and summative assessments (along with answer key) as well as an assessment rubric are provided for each chapter.

Answer keys for exercises

Answer keys are provided for the exercises in textbooks, hence easing the teachers' task of measuring students' understanding of concepts.

Training

- On receiving a purchase order of over ₹ 500,000 we conduct in-school training for teachers.
- City-wide training is organised for all teachers using NextCurriculum products.

Resource Kits

Using our resource kits, teachers can engage students in fun, interactive activities that reinforce the concepts learnt from textbooks. This kind of structured play creates an environment conducive to learning and growth.

They make for an optimal learning experience for kinaesthetic learners and also develop interpersonal skills as the students engage in group activities. Apart from cutting down the teachers' time to craft or source innovative tools to support the textbook concepts, they also create a stress-free, fun-filled environment that encourages student-teacher and peer interactions.

Features of Next Pre-primary resource kit

- Letter and number recognition through sandpaper flash cards
- Role-play activities through stick puppets
- Classroom decoration with the use of charts
- Colour, shape and sight word recognition through flash cards

Features of English resource kit

- A range of fun activities for grades 1-8
- Multi-concept board games combining learnings from various chapters
- Word charts for every grade
- A booklet with activities for building vocabulary and reinforcing grammar

Features of Hindi resource kit

- A range of activities for grades 1-8
- Charts and board games to reinforce concepts learnt in class
- Printable sheets with exercises to reinforce textbook concepts such as grammar

Features of Science resource kit

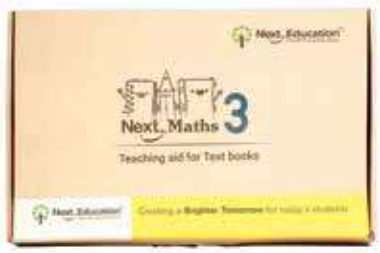
- 50 activities for grades 1-5
- Activities to enable independent engagement of students.
- A manual available for each grade details the process to conduct every activity.

Features of Maths resource kit

Contains six sets of:

- Number coins 1 – 100
- Twenty counters each in four different colours
- Four dice (red, blue, green and white)
- Bingo number name cards
- Flat shape cards
- Board games

Contents may vary across grades

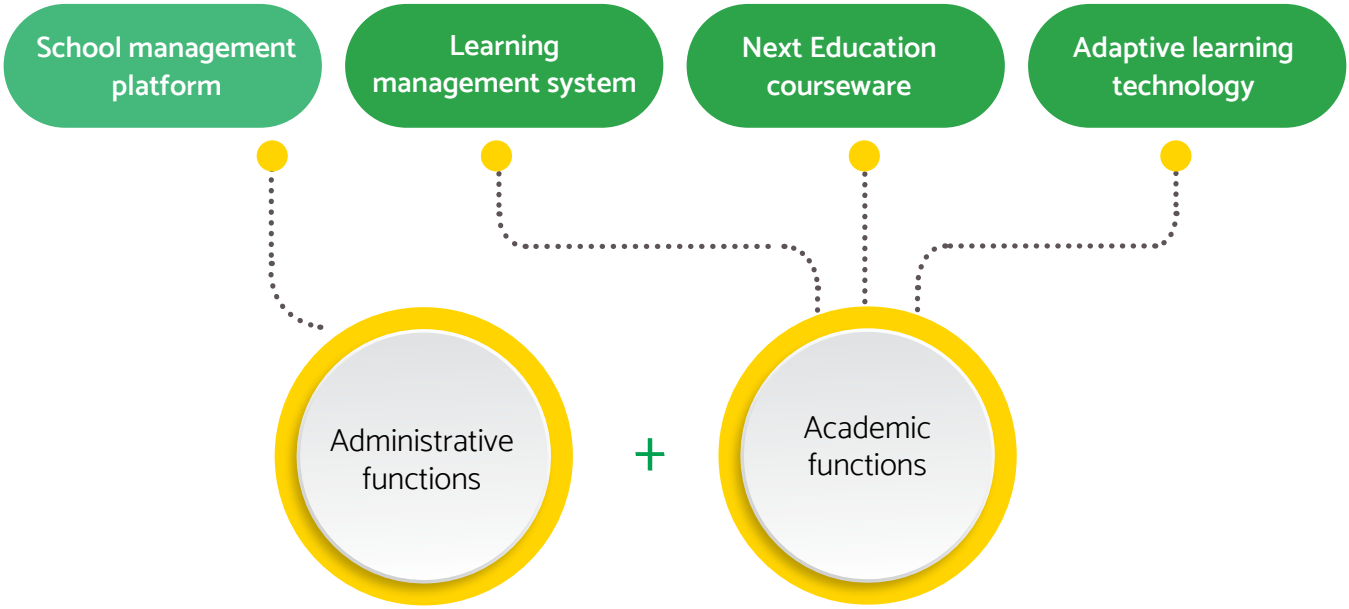


Resource kits for mentors are complimentary on purchase of NextBooks.

Student resource kit is available on subscription.

Next. LearningPlatform

A cloud-based intelligent platform that fulfils all academic and administrative needs of the K-12 ecosystem



It is a powerful combination of resource planning tools and Learning Management System, which meets the administrative and academic needs of a school.

The administrative sub-platform helps the management automate most of their processes, thereby reducing manual and repetitive work. Attuned to the same philosophy of easing work, the academic sub-platform facilitates course planning and tracks course progress. The inbuilt courseware, integrated with adaptive learning technologies, provides a personalised learning experience to students, allowing them to learn at their own pace as per their ability.

In its integrated form, the **NextLearningPlatform** is unparalleled

One-stop solution

From creating lesson plans, publishing assessments, setting the examination structure and monitoring performance, the NextLearningPlatform enables teachers to perform all tasks on one platform. Students, on the other hand, can complete the tasks assigned to them and share it with teachers on the same platform.

Valuable insights

The interconnectedness among different modules of the administrative and academic sections yields valuable results. The intelligent system gives insights which humans might not be able to point out.

Key features

- Facilitates personalised learning
- Ensures regular tracking of the course progress
- Provides technology-enabled tools to improve teachers' performance
- Creates global benchmarking of learning progress
- Enables transparent communication between parents and schools

Enterprise Resource Planning (ERP)

NextERP, a school management software, connects all processes, departments and school stakeholders, thereby eliminating chances of mismanagement.

Attendance
Maintain attendance records efficiently and get rid of piles of paperwork.

Admission
Streamline and customise your admission process with real-time tracking offline as well as online.

Examination
Use pre-defined templates and generate report cards with a single click.

Leaves
Simplify and expedite leave application and approval process.

Student
Store students' data and analyse performance trends.

Letter generation
Customise transfer certificates and make them available for downloads online.

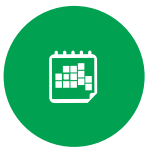
Communication
Take better control of all internal and external communication.

Staff
Generate staff ID cards quickly and bring more transparency to your school's HR process.

Fee collection
Simplify fee management with a secure payment gateway and view all transaction details.

Library
Manage your library catalogue and issue books online.

Transport
Access real-time GPS data and ensure safety of your students.



Timetable
Simplify timetables and easily plan for substitution of teachers.

Payroll
Save time by automating calculations and avoiding inaccurate paperwork.

Front office
Streamline front-office operations and visitor management.

Support and Service

Self-help Document

Call ERP Specialist
(8 am - 6 pm on all working days)

Regular Releases on Product Updates

Learning Management System

Plans and delivers the course and also tracks its progress

The academic sub-platform of NextLearningPlatform is an amalgamation of various tools that covers the length and breadth of the entire teaching-learning gamut.

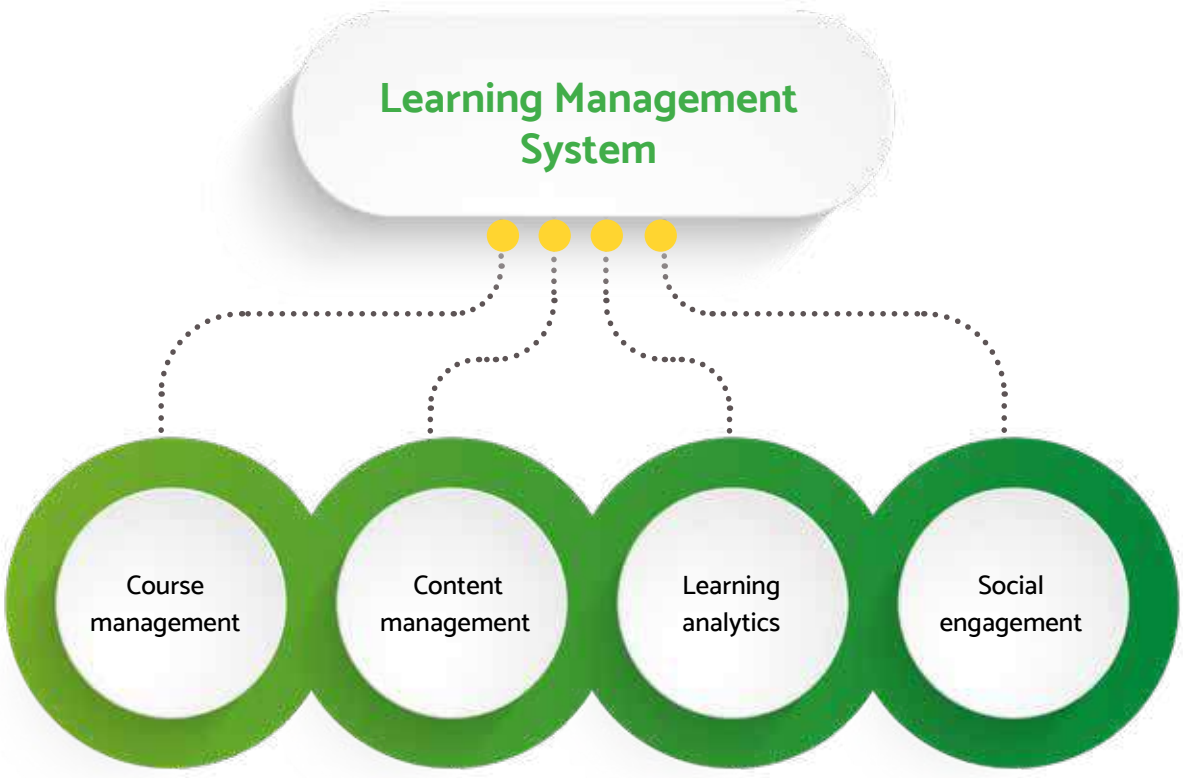
It helps create and manage the course plan and aids in its delivery. The embedded tracking tools provide detailed reports of the progress made and the deviations encountered. This encourages teachers and students to take remedial actions and attain learning objectives.

Empowering teachers

The innovative planning and teaching tools streamline the work of the teachers and increase their creativity.

More agency to learners

The feedback gained from reports makes students aware of their strengths and weaknesses, helping them take the reins of their learning in their own hands.



Course management

- Builds lesson plans and automatically syncs them with the set timetable
- Addresses each student's knowledge gaps with personalised content delivery
- Encourages teachers to employ a flipped classroom approach (blended learning strategy), wherein topics are introduced before a class using videos, activities, assignments and other teaching aids, which allows them to delve deeper into the topics for a meaningful learning opportunity

Social engagement

- Encourages learning outside the classroom through discussion forums
- Collaborates with other teachers to curate a repository of topics

Learning analytics

- Evaluates teachers' effectiveness with course progress reports
- Tracks students' performances with an assessment engine
- Identifies specific knowledge gaps with result-based monitoring
- Provides a dedicated homework tracker to track, grade and share feedback on submissions

Content management

- Creates engaging content using advanced tools
- Manages the content library of each course and facilitates content sharing across courses
- Encourages self-driven learning for students by providing access to content anywhere, anytime

Complemented by the school management modules, teachers seamlessly deliver course curriculum, manage examination, and track students' performances with transparency

Next Education Courseware

Our award-winning content and assessments are integrated with the learning platform, and can be accessed both in school and at home. On one hand, it allows the teachers to use the instructional content to deliver classroom lectures, and on the other hand, it enables students to enhance their learning.

Engaging courseware

The modules include traditional 2D and 3D animations as well as innovative and engaging claymation and craftmation videos.

Wide academic support

Our wide array of academic materials include real-life videos, interactive assessments, hands-on experiments, simulations and more.

Integrated tools

Quality content integrated with the right technology creates magic

NextStudio

Our interactive whiteboard software allows the use of tools, such as pen, eraser and compass, making learning more interactive and fun.

NextTools

They consist of a set of valuable tools, such as the periodic table, pH table, unit converter, graph plotter, logarithmic tables, annotation tools and more.

Various tools

- **NextDictionary** finds the meanings of words, their origin, pronunciation, usage, parts of speech and more.
- **NextMaps** is an interactive world atlas that can move across geography and time.

Adaptive Learning

Powered by artificial intelligence, this personalised learning solution suggests a learning course based on an individual's ability and pace of learning. The machine learning techniques discern the learning gaps of each student and recommend actions to mitigate those.

More power to students

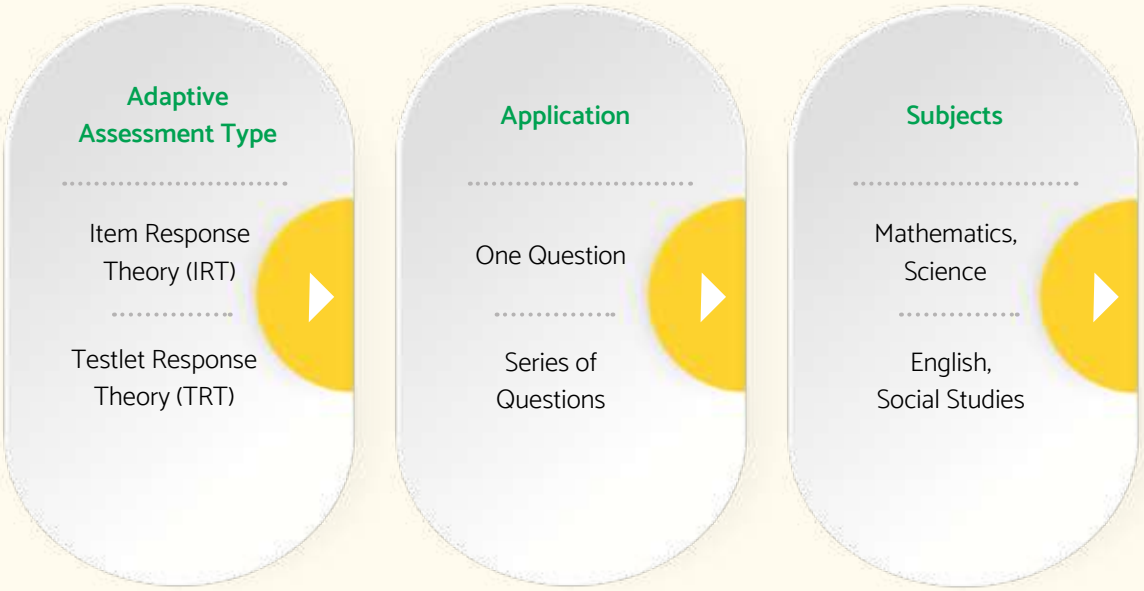
Adaptive learning supports students who lag behind and at the same time inspires those who excel in academics to channelise their interests in the right direction.

Adaptive assessments

The assessments are adapted to suit the capability of each student to gauge their individual understanding of concepts.

Assessments based on Item Response Theory and Testlet Response Theory

A mid-level question is presented to students. If they answer it correctly, the difficulty level of the subsequent question is raised and if they give an incorrect answer, the difficulty bar is lowered.



They discern students' understanding of a particular concept or a chapter.

Advantages of adaptive IRT/ TRT

Appropriate weightage to questions: Adaptive assessments give weightage to questions as per their varied difficulty level and not a general value as in a traditional question paper.

No room for guessing: Sophisticated machine learning techniques used in adaptive assessments rule out the probability of a student guessing the correct answer.

Assessments based on the Knowledge Space Theory

The Knowledge Space Theory (KST), a machine-learning algorithm based on a probabilistic model, maps the present knowledge state of the individual being assessed and thereafter proposes what the person is ready to learn further.

Advantage of KST

KST gives a comprehensive view of students' understanding of the entire syllabus in minimum time by providing them merely 30–40 questions. It is especially helpful in cases when students rejoin school after vacations or for newcomers.

Some units of knowledge have to be mastered by the student to learn the subsequent ones. This is called precedence relation. Based on this relation, concept maps are designed, which are an organised way to span out the structure of knowledge. For instance, a student has to master addition in order to understand multiplication.

Learning path

Once a student's present state of knowledge has been ascertained, the AI-powered adaptive learning devises a learning path, consisting of a series of actions for each student to reach the desired state of learning.

Other tools powered by AI

Grammar tool automates tedious tasks such as correcting spelling mistakes and grammatical errors made by students. The rules to detect mistakes have been written keeping Indian students in mind. The language processing technology is used to flag the errors.

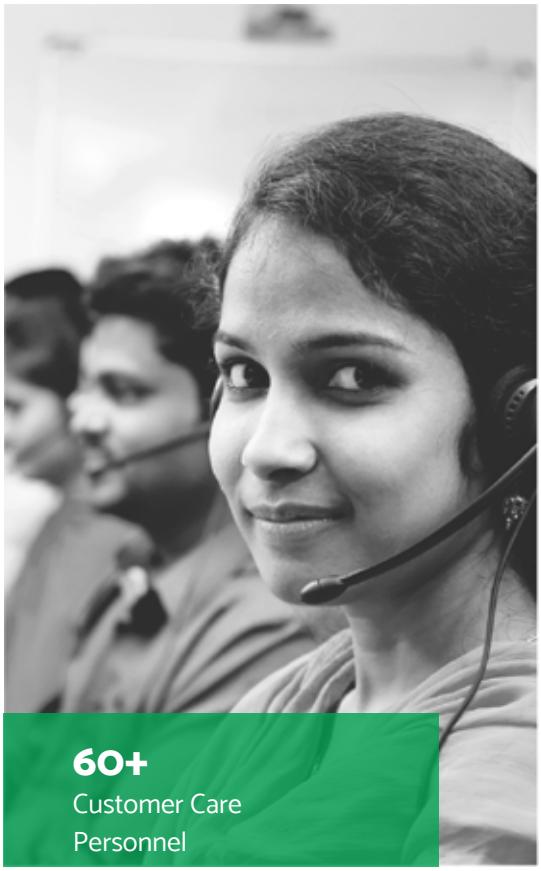
Pronunciation tool is an automated system that compares a student's pronunciation with the standard pronunciation and gives feedback on stress, duration and energy levels applied on each syllable. It helps students understand how each phoneme is pronounced through animations, so that they know how to manipulate their muscles to get the right pronunciation.

Our Support Services

NextTrust

NextTrust is our 24/7 multi-channel support system that delivers quality service and meets maintenance requirements of our partner schools.

Providing constant, consistent and reliable support is our way of showing commitment to our stakeholders who have not only invested in our products but have also placed their invaluable trust in us. We feel that it is our utmost responsibility to ensure seamless and uninterrupted functioning of our entire product range.



60+
Customer Care Personnel

900+
Certified Support Engineers

400+
Highly-qualified Relationship Managers

100+
Academic Trainers

Digital classroom hardware and software maintenance

- We offer powerful voltage stabilising equipment to prolong the life of the hardware.
- We undertake preventive maintenance of the hardware on a yearly basis to prevent any malfunctioning.
- We continuously update the software free of cost, concurrent with the latest syllabus changes and in-house tools that we develop on a regular basis.
- We ensure our clients' queries are resolved within 24 hours and that their hardware related issues are addressed within six days, which is the quickest turnaround time in the industry.

Teacher support and training

- Apart from offering complete training for our products and tools, we conduct training sessions on specific tools and refresher training sessions for the teachers.
- At regular intervals during the academic year, we hold city-wise conferences for teachers to communicate new concepts in education and teaching.
- Next Education also provides academic evaluation to schools on request. Our academic team visits the particular school to assess and evaluate the challenges that teachers encounter while teaching. Based on the analysis drawn from the findings, our team generates reports to understand a school's challenges and offers customised solutions to overcome them.


Researcher
Case
Criteria
Analyzing
Knowledge
Data
Key
Testimonials

Case Studies and Testimonials

Case Studies

Mother of Carmel Education Society: Avila Convent, Vimal Jyothi Convent, The Little Flower Convent

Next Education's digital tools help Mother of Carmel Education Society schools to achieve technological excellence

Avila Convent, Vimal Jyothi Convent and The Little Flower Convent are schools run by the congregation of the Mother of Carmel Education Society. In 2014, these schools were ready to take the concept of digital learning a notch higher. After the initial demos by our team to all the three schools, Vimal Jyothi Convent signed up for 10 classrooms, replacing their existing smart classrooms. Today, we have implemented our teaching solutions in 128 classrooms across these schools and the partnership we share with them has only grown stronger.

The Mother of Carmel Education Society is impressed with TeachNext since it promotes opportunities for teaching and learning by integrating learning technologies, such as our specialised hardware, audience response technology and audio-visual capabilities. With our consistent support, service and client relations, we have established a lifelong and continuing partnership with the group.

> Our schools have been using Next Education products to enhance the mode of instruction and provide our students with additional perspectives across all subjects. The videos on TeachNext serves as a springboard for discussions on the topics taught in the classrooms and how they can be implemented in real-life scenarios. TeachNext curriculum aids the students in developing themselves and understanding their learning environments better,

Rev. Sister Shalini,
Principal of Avila Convent, Coimbatore.
2018

Bharatiya Vidya Bhavan, Kochi

Partnering with Bharatiya Vidya Bhavan to enhance the educational landscape

Our association with Bharatiya Vidya Bhavan, Kochi, began in 2012. With sustained efforts and commitment, we created a long-lasting and fruitful partnership with them.

Totally TeachNext

We first held a TeachNext demo in December 2011 for the group's top three schools. The schools were not only impressed with the state-of-the-art technology, but also with the latest content. After a strong pitch by our management team, on 28 May 2012, E. Ramankutty, Director, Bhartiya Vidya Bhavan, decided to extend TeachNext to 271 classrooms in seven schools.

The schools were scheduled to open on 10 June 2012. Our team flew down from all parts of the country and in the next 8 days, we installed servers in 271 classrooms to make them functional. 770 teachers were trained within two days on how to optimally use TeachNext.

While the schools were shut for Onam in August 2012, we updated the hardware in all 271 classrooms within a span of 10 days. This way, no one missed a class. Today, Bharatiya Vidya Bhavan has TeachNext set up in 330 classrooms.

NextBooks for 31 schools

Bharatiya Vidya Bhavan, Kochi was an early adopter of NextBooks. The teaching staff helped us tweak our content and make it better. Today, Bhartiya Vidya Bhavan, Kochi uses our NextExplorer books for grades 1 and 2 and Next Science for grade 3 to 5. Almost all Bhartiya Vidya Bhavan schools across the state have adopted our books.

E. Ramankutty,
Director,
Bharatiya Vidya Bhavan,
Kochi.
2017

"I'm glad to certify that the service rendered by Next Education is exemplary.

Maharani Gayatri Devi Girls School, Jaipur

Adding real value to Computer Science curriculum and making it effective

In 1992, when Computer Science was introduced to Maharani Gayatri Devi (MGD) Girls School as a subject, curriculum development was being outsourced. These books were mostly theory-based and missed out on the practical aspects of the subject. Principal Suniti Sharma observed that even though students were able to do well in exams, they were not really learning much. This led to the faculty creating their own syllabus for Computer Science bringing together daily-life examples for hardware, programming, software and ethics.

While the students enjoyed the story format designed by the teachers, they still had to follow the traditional method of answering when questions were posed to them. So tracking progress proved to be a challenge, says Pavan Darbari, Program Coordinator.

Computer Masti comes to MGD

The Computer Masti programme represented a composite solution for the particular needs of MGD educators. Principal Suniti Sharma says, "The programme was doing exactly what we were looking for! The word *Masti* (fun) is one of the most important factors, for children love working on computers." As a product of research of IIT Bombay, the programme represented an enhanced version of what the teachers had designed. She adds, "Apart from its narrative style, it incorporated open source principles through a structured-learning level-wise format, and this meant that there would be standardisation across the department, reducing unnecessary repetitions."

Santosh Rathode, a junior computer teacher, finds specific aspects of the content and its structure useful. "Healthy practices such as asanas and ethics are formally included, and make for a good addition to a Computer Science class. Sections are well-defined and very relevant to classroom use, for example, the Facilitator's Corner at the end of every chapter." This section, in particular, is designed to

assist teachers and parents get started on a topic in a fun way, outlining ideas to create and maintain a proactive learning atmosphere.

One of the key areas of impact has been the way the content and training programme has supplemented MGD teachers' inclination to innovate. Using the TPACK model, Computer Masti trainers facilitate learning in technology, pedagogy and content, along with the many resources that accompany it. Laungani shares, "The training sessions are enjoyable. A main takeaway is the way they tackle us as students – as a result, we learn to tackle our own students!"

This is the decade in which we have seen the rise of the pre-teen digital natives. Students across the country are seeing greater access to computers than ever before. Computer Masti helps in creating a generation of IT-fluent citizens.

> There has been a huge leap in terms of computer skills in general. I have seen children do amazing things with computers like making presentations and films, editing them, producing material for a great number of competitions.

Suniti Sharma,
Principal,
Maharani Gayatri Devi Girls School,
Jaipur.
2017

P. Obul Reddy School, Hyderabad

Transforming the learning experience in P. Obul Reddy Public School

P. Obul Reddy Public School opened its portals to education in the year 1989.

We first approached the school in 2014 and met the principal, Anjali Razdan, to present our textbooks. She was very impressed with the content, pedagogy and the resource kits, as well as the teacher manual and teacher training that came with the books. She admired the fact that it was not a stand-alone product, but had other components that ensured not only a better learning experience for students but also a complete support to teachers. She found it to be a comprehensive classroom solution. However, because of commitment to another company, she did not give us the order at that time.

In November 2015, we approached the school again and gave them our textbooks for sampling. The school reviewed the books for content, pedagogy and other aspects. Meanwhile, in December 2015, the school was holding a CBSE Maths workshop for about 50 Maths teachers. We collaborated with them for the event.

The school then got back to us saying that apart from the training that comes with the purchase of the books, they would also need hand-holding training every alternate month. We agreed to provide them with this support.

In February 2016, a proposal was drafted, wherein the school took EVS, Maths and English textbooks for grades 3, 4 and 5.

> I am very glad to use NextBooks for my school. The teachers and students alike have noticed a big difference in the learning experience. The classroom has been enhanced by the age-appropriate curriculum which is integrated with real-life context to make the concepts, whether in Maths or EVS, clear. The colours and the graphics have also delighted the younger children. I am happy to have chosen NextBooks.

Anjali Razdan,
Principal,
P. Obul Reddy School,
Hyderabad.
2018

Testimonials

National Victor Public School, Delhi - TeachNext

Dr Parul Tyagi,
Principal,
2017

We have a 3-year-long association with TeachNext and are glad that we also adopted NextBooks lately. It meets the requirements of every kind of student. The books are well-equipped and the exemplary smart board experience aids better learning. TeachNext has empowered the teachers and has made learning fun and stimulating for the children. The parents too, are equally happy and satisfied with the new techniques used in class and feel bound to take a ride through this great curriculum set up by the TeachNext group. I am really happy with the positive feedback I get from parents, students and teachers – thanks to Next Education!

Maa Bharati Senior Secondary School, Kota - TeachNext, NextBooks

Monika Malik,
Principal,
2018

Digitised education is always important for the holistic development of a child because we generally tend to remember what we see. So, if students have an opportunity to see what they are learning, they can retain it for a longer period of time. And, digital content should always be integrated with books as it maintains a parity in learning. The conventional classroom teaching can cause boredom among the students. So, visual versions of what they are learning can definitely sustain their interest and attention. The digitised solutions of Next Education maintains parity with NextBooks, which makes the learning process much easier for the students.

Loved by students

TeachNext: ICSE Topper's Success Mantra

TeachNext helps a lot in understanding the lessons clearly with the graphical representation of the chapters which is easier to comprehend and it also creates a lasting impression in the mind which generally textbooks fail to do.

Swayam Das,
All India ICSE topper, 2018,
St Mary's ICSE School, Mumbai.

Guru Nanak Public School, Delhi - TeachNext

Harjinder Kaur Anand,
Vice Principal,
2018

Initially, the teachers were slightly apprehensive whether they would be able to use the products effectively or if it will benefit the students. However, the hands-on training sessions conducted by Next Education for our teachers put their fears to rest. The smart boards can be easily operated and are extremely beneficial for the teachers as well as the students. Students grasp and relate to concepts better when they see it on the screen. So, we are planning to go ahead and install TeachNext in more classrooms. Also, Next Education is very prompt in providing services, usually resolving queries within 48 hours, and the executives and technicians are courteous too. We are also satisfied with the content upgradation done from time to time.

St. Peter's Senior Secondary School - NextPre-primary

Sreekala Ram
Principal,
2018

The pre-primary books are very interesting for the kids. They are attracted towards the books because of the glossy pictures and interesting activities. The chapters are so vibrant that the characters appear real and this helps them to visualise what they are reading. The activities are crafted in a more playful way due to which the kids don't feel the stress of learning. The activities also require the involvement of both the teachers and the kids, wherein they can work together in an interactive manner. This has resulted in a remarkable change in the children's performances. While the earlier approach of memorising lessons left the children stressful, the introduction of NextPre-primary books has enabled them to remember things naturally and in a playful manner.

BRS Global School, Bangalore - NextBooks

Latha V E,
Principal,
2017

We introduced NextBooks for our kindergarten class to grade 5 this year.

The books have been helpful due to the following features:

- The books are colourful and attractive.
- The text is clear, simple and precise.
- Concepts are supported by suitable examples.
- Each subject book has proper planning for the lesson, which supports the teacher to plan the class accordingly.
- Primary books are especially very interesting.
- Rhymes and stories are very good.
- Content is age-appropriate.
- Overall, the books are student-teacher-parent-friendly.
- Learning is made very interesting.

Agarwal Vidyalaya Matriculation Higher Secondary School, Chennai - TeachNext + NextLab, NextBooks

Dr. Charles,
Principal,
2018

We have been using TeachNext for the past two years. Now, we are using Next Education's RoboticsLab, Math kit and Science kit. After using these, I have noticed further progress in my school. With TeachNext, we have integrated technology in our classrooms without compromising on core Indian values. Students are also very pleased. The excitement is highest among students of the pre-primary section. Generally, children tend to remember what they see. So, through the hands-on-experience and labs, their learnings are retained for a longer period. Students are learning through practical activities in Science and Math lab and thus, the concepts are clearer and easier for them to grasp. We had arranged a science exhibition in our school where our students performed really well, and therefore, it goes without saying that the hands-on experience and labs are helping them a lot in learning. I also believe there should be uniformity in what students see and read and this is clearly evident in NextBooks. The audio-visual content of TeachNext is perfectly mapped to the reading materials in NextBooks. This helps the students a lot in building connection with what they are seeing to what they are reading. That's why, I chose NextBooks for my school.

St. Arnold's Higher Secondary School Vijaynagar, Indore - TeachNext

Fr. C. D'Mello, SVD,
Principal,
2017

The students have shown a keen interest and have immensely gained and enhanced their knowledge through Next Education's TeachNext. True to its motto, 'Transforming Education', it has brought about a considerable transformation and change in our school's teaching and learning methods. The team of Next Education has been responding positively as and when their services are needed by us.

Asian Christian High School, Hosur - TeachNext

Dr. Joy M. George,
Principal,
2017

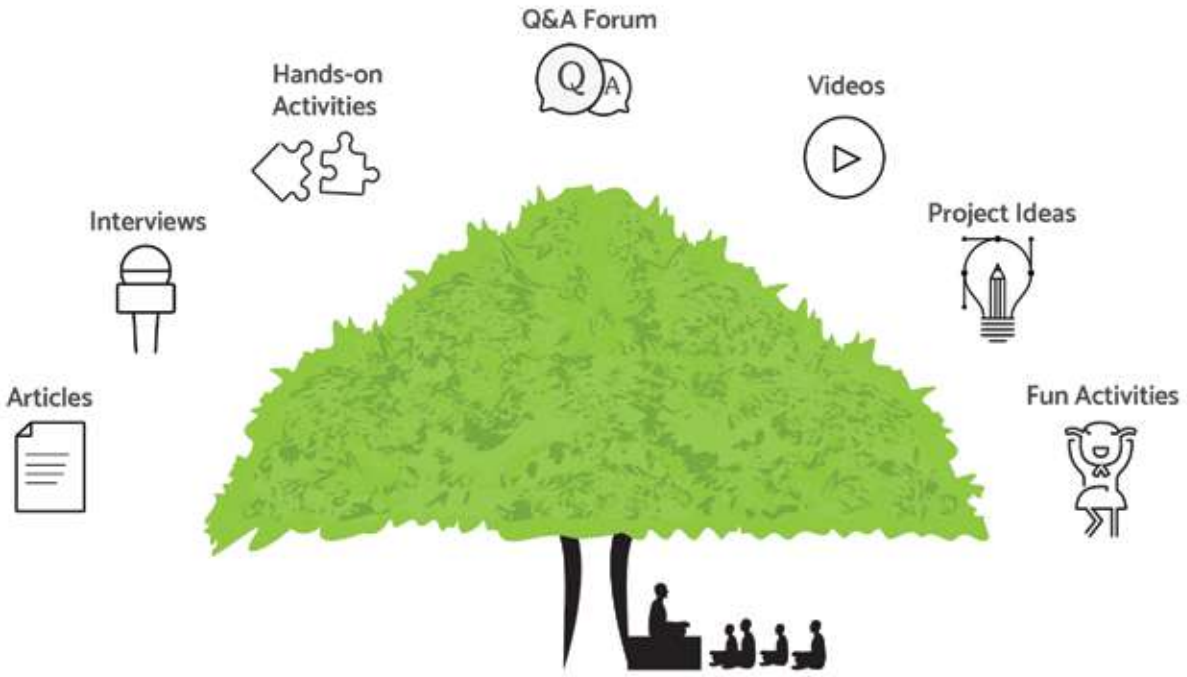
We installed TeachNext learning solutions in 2012 and have been finding the product as a helpful tool for education. We appreciate the company's efforts to update the content periodically to meet the need for a continuous learning experience for kids.

Our Customer Schools

We are proud to associate with over **12,000** progressive schools in India

Next Gurukul™

www.nextgurukul.in



A Vibrant Online Community Bringing Together All K-12 Stakeholders

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Next Education India Private Limited

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