Inventant Education
Present Meets Future

Unlocking Minds,
Empowering Futures:
Discover with INVENTANT Education

STEM

Redefining
Education
through

STEM
SCIENCE • TECHNOLOGY • ENGINEERING • MATHEMATICS

Follow us on :

www.inventanteducation.com

TABLE OF CONTENT

INDIA'S FIRST STEM FOCUSED PUBLISHER

About Inventant Education

Welcome to the world of Inventant Education, a pioneering publishing company that stands at the forefront of STEM education. Founded with a passion for igniting curiosity and fostering innovative thinking, Inventant Education has emerged as a beacon of educational transformation. Rooted in the belief that the future belongs to those who are adept at Science, Technology, Engineering, and Mathematics (STEM), this dynamic publishing company has made it its mission to empower children's, educators, and schools with cutting-edge resources.
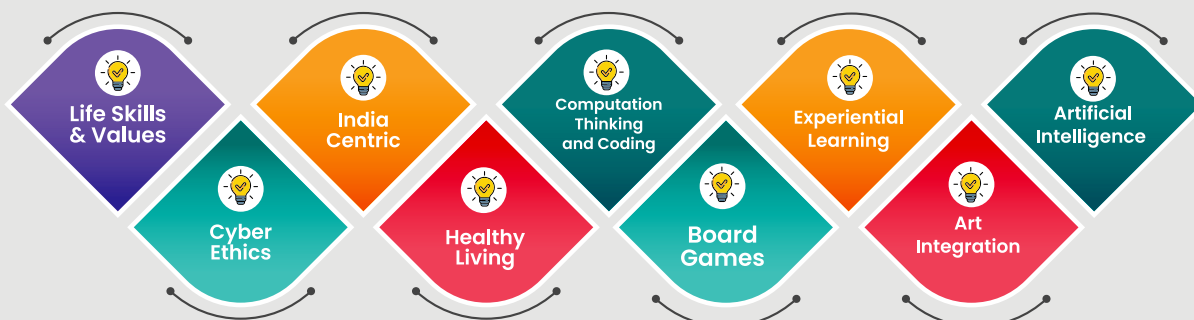
Vision

At Inventant Education, our vision is to be a global catalyst for transformative STEM education. We envision a world where every learner, regardless of their background, is empowered to explore, understand, and excel in the fields of Science, Technology, Engineering, and Mathematics.

Mission

Our mission at Inventant Education is to revolutionize STEM education by providing dynamic and accessible learning resources that ignite curiosity, enhance understanding, and facilitate practical application.

Our Books are Based on NEP

- Life Skills & Values
- Cyber Ethics
- India Centric
- Healthy Living
- Computation Thinking and Coding
- Board Games
- Experiential Learning
- Art Integration
- Artificial Intelligence

WHY STEM EDUCATION?

India, a nation known for its rich cultural heritage and diversity, is now standing at the threshold of a new era—an era driven by science, technology, engineering, and mathematics, collectively known as STEM. In this rapidly evolving global landscape, STEM education is not just a choice; it is imperative for India's progress and prosperity. As champions of STEM education, Inventant Education is committed to shedding light on why STEM education is crucial in India.

Unlocking Innovation and Entrepreneurship
STEM education is the key that unlocks innovation and entrepreneurship. When equipped with STEM skills, young minds can invent, create, and develop solutions to complex problems.

Global Competitiveness
In today's globalized world, competition knows no borders. India must prepare its future workforce to compete on a global scale. By nurturing STEM talent, India can establish itself as a formidable player in the global economy.

Bridging the Skills Gap
To bridge the skills gap and meet the demands of the job market, there is a critical need for a workforce skilled in STEM disciplines. STEM education equips students with the skills that are in high demand, ensuring they are job-ready and capable of adapting to evolving industries.

Addressing Societal Challenges
India faces numerous societal challenges, from access to clean water and healthcare to environmental sustainability. STEM education empowers students to tackle these challenges by devising innovative solutions for the betterment of the society.

Environmental Sustainability
In the face of climate change and environmental degradation, STEM education plays a pivotal role. By educating students about environmental science, sustainable practices, and renewable energy essential for solving the environmental crises today.

Economic Growth
STEM fields are the backbone of technological innovation and economic growth. A strong STEM education system can drive innovation, attract investment, and create job opportunities in high-tech industries, which are vital for a country's economic development.

Global Collaboration
STEM professionals often collaborate on international projects, contributing to India's diplomacy and global partnerships. A strong STEM workforce enhances India's ability to engage with the global community.

Healthcare Advancements
STEM plays a vital role in healthcare, from medical research and drug development to improving healthcare delivery systems. A strong STEM education system contributes to better healthcare outcomes for the population.

National Innovation Ecosystem
A robust STEM education system feeds into a nation's innovation ecosystem by producing inventors, researchers, and entrepreneurs who can drive forward innovative ideas and solutions.

STEM education is not just an educational pathway; it is a roadmap to India's growth, prosperity, and global leadership. We at Inventant Education, are committed to nurturing STEM talent and enabling India's youth to thrive in the STEM-driven world of tomorrow.

COMPUTER SCIENCE

Textbooks with comprehensive and innovative approach to understanding Information technology, Computational intelligence, Interactive Coding, Robotics and Technological Innovations, making learning fun and relevant for the times.

**Latest Series Aligned with NEP 2020
(CBSE | State Boards)**
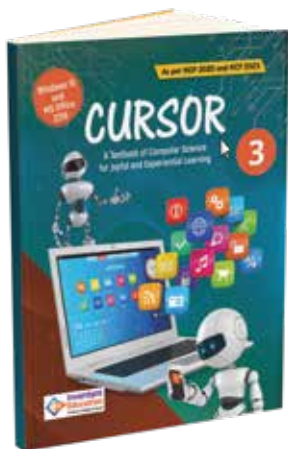
Cursor

Transcripts of the Future: Unravel Computational Thinking with Cursor

Based on : Windows 10 MS Office 2019 Canva Krita

Class 1 to 8

Highlights

⊙Cyber Ethics ⊙Comic Strips ⊙Project Work ⊙Activity Zone ⊙Assignments & Quizzes

Tech Trails   **Class 1 to 8**

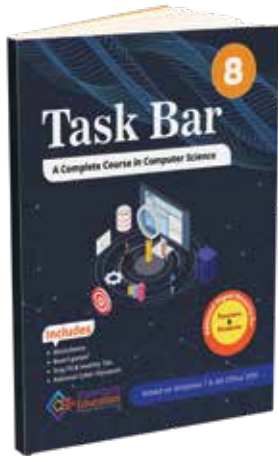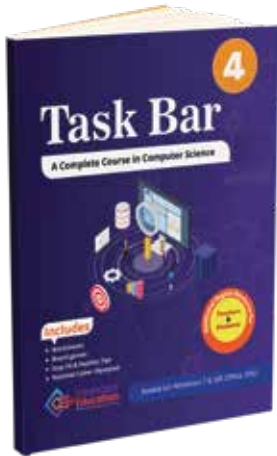Empowering Minds,One Byte at a Time: Tech Trails Series Unleashes Tech Brilliance

Based on : Windows 10 MS Office 2016 Paint 3D SCRATCH Krita python

Highlights
⊙Computational Thinking ⊙Project Work
⊙Cyber Olympiad paper ⊙Unleash Coding

Latest Series Aligned with NEP 2020
(CBSE | State Boards)

Task Bar

Class 1 to 8

Today's tasks lay the foundation for groundbreaking innovations of tomorrow

Based on : Windows 7   Office Microsoft 2010

Highlights
- Worksheets
- Stay fit & healthy Tips
- Board Games
- National Cyber Olympiad
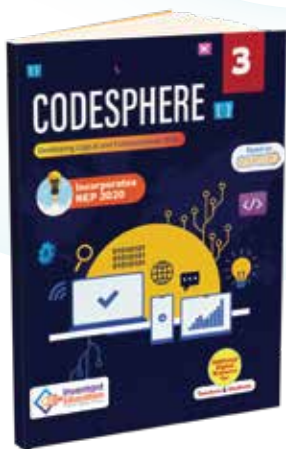
Codesphere

Codesphere Unleashed: Your Passport to the Universe of Coding, Creativity, and Computational Magic

Based on : SCRATCH Jr   SCRATCH   python

Class 1 to 8

Highlights

- Activity Zone
- Project Work
- Assignments & Quizzes

Latest Series Aligned with NEP 2020
(ICSE)
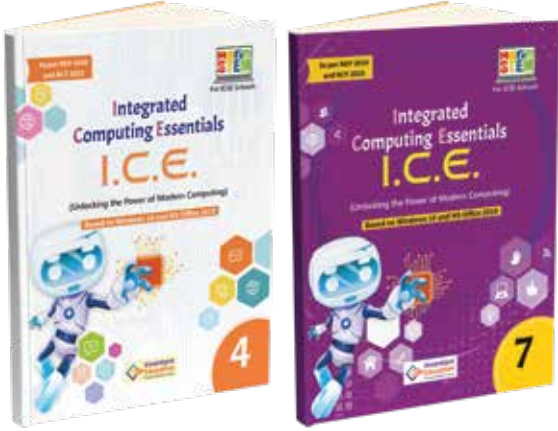
I.C.E
Integrated Computing Essential

I.C.E: Unlocking the power of Integration and Modern Computing

Based on : Windows 10 MS Office 2019

Class 1 to 8

Highlights

⊙ Activity Zone   ⊙ Project Work   ⊙ Assignments & Quizzes

i-Boot

Boot up your potential and march towards technological breakthroughs

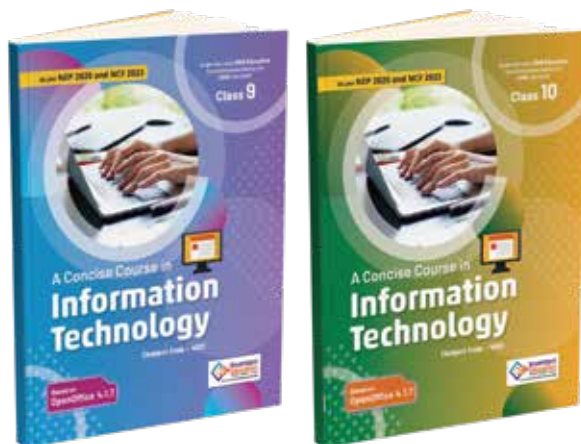**Based on :** Windows 7 Office 2010 Microsoft

Class 1 to 8

Highlights

⊙ Activity Zone   ⊙ Project Work   ⊙ Learning Management System   ⊙ Assignments & Quizzes

Latest Series Aligned with NEP 2020
(CBSE)

A Concise Course in
Information Technology

Pathway to learning and Informative Technological Transformation

As per the latest Syllabus prescibed by CBSE

Based on : Apache OpenOffice 4.1.7

Class 9 to 10 Subject Code-402

Highlights

◉ Part A- Employability Skills   ◉ Part B- Subject Specific Skills   ◉ Relevant technological and Data-driven learning

Artificial Intelligence & Us

Illuminating the world of Artificial Intelligence through a human learning journey

As per the latest Syllabus prescibed by CBSE

Class 9 & 10 Subject Code-417

Highlights

◉ Activity Zone   ◉ Project Work   ◉ Interactive Learning   ◉ Experiential Learning

Science

Embark on an engaging voyage of scientific endeavors through our meticulously crafted textbooks that serves as a captivating guide with Comprehensive Content, Interactive learning, Cutting-edge research and Teacher support.

Latest Series Aligned with NEP 2020 (CBSE)

Sciverse

Fuel the flame of inquiry and inspire a journey of scientific discovery with Sciverse

Class 1 to 5

Highlights

⊙ Chapter-wise Worksheets ⊙ Experiential Learning ⊙ Value Based Questions ⊙ Lab Activity

Latest Series Aligned with NEP 2020 (ICSE)
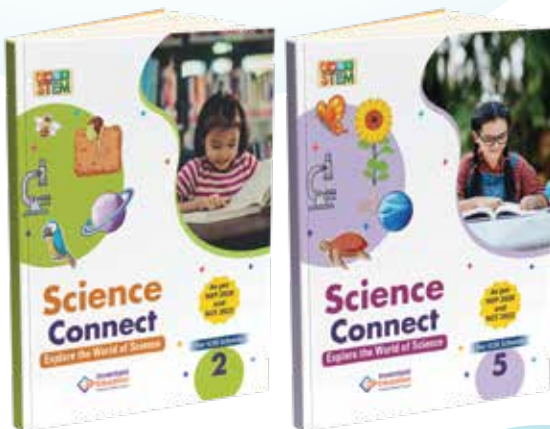
Science Connect

Building the future by bridging minds through the world of Science Connect

Class 1 to 5

Highlights

⊙ Interactive Excercises ⊙ Scientific Glossary ⊙ Life-Skills ⊙ Lab Activity

MATHEMATICS

Our Mathematics textbooks builds comprehensive problem solving ability and nurtures mathematical reasoning, exploring the permeating influence of numbers in our day to day lives.

Latest Series Aligned with NEP 2020 (CBSE)
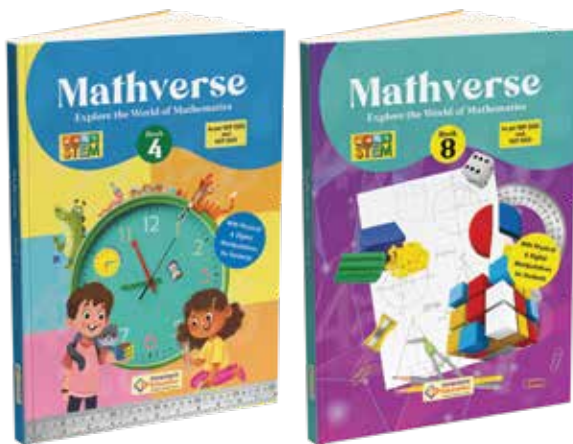
Mathverse

Dive into the mathematical universe, where exploration knows no bounds, one equation at a time

Class 1 to 8

Highlights

⊙ Chapter-wise Worksheets ⊙ Maths Glossary ⊙ Value Based Questions ⊙ Maths Lab Activity

Latest Series Aligned with NEP 2020 (ICSE)
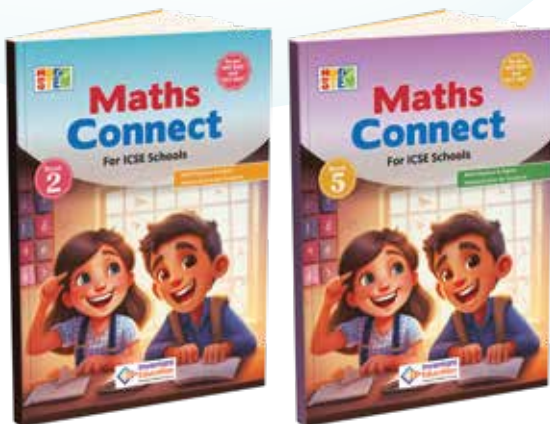
Maths Connect

Where minds connect, and insights multiply through the magic of mathematics

Class 1 to 5

Highlights

⊙ Chapter-wise Worksheets ⊙ Maths Glossary ⊙ Value Based Questions ⊙ Maths Lab Activity

ENGLISH GRAMMAR

Textbooks with engaging and informative approach to English language learning and efficient communication and writing skills.

Latest Series Aligned with NEP 2020
(CBSE | ICSE | State Boards)

Paradigm English Grammar

Class 1 to 8

Paradigm English Grammar: Illuminating Pathways to Flawless Communication and Writing

Highlights

⊙ Vocabulary Section   ⊙ Grids & Puzzles   ⊙ Activity Based Exercise   ⊙ Assignments & Worksheets

Inventant Education

STAR COMPUTER LABS
AI & ROBOTICS PROGRAMS

An ecosystem to foster learning, creativity, and innovation in Coding, Artificial Intelligence, Machine Learning & Robotics.

STEM.ORG ACCREDITED EDUCATIONAL EXPERIENCE

INITIATIVE BY IIT KANPUR ALUMNI

Aligned with
CBSE/IB/ICSE
Skill Subjects and
NEP 2020

SCAN QR CODE
For Personalized Demo
at Your School/Callback

STAR COMPUTER LABS: AI & ROBOTICS PROGRAMS

(Aligned with CBSE/IB/ ICSE Skill Subjects and NEP 2020)

Star Computer Labs is a cutting edge educational facility dedicated to nurturing the next generation of tech enthusiasts,innovators and problem solvers by creating an ecosystem of foster learning,creativity and innovation in Artificial Intelligence, Machine Learning and Robotics.It helps kids aged 7 and above to understand complex industry-standard AI and Robotics concepts in an easy and playful manner through exciting real world application based DIY projects.

Innovative Learning Environment

We've created a stimulating and welcoming space where students can immerse themselves in the exciting realms of coding, AI, machine learning, and robotics. The lab is equipped with the latest technology and tools, ensuring that every student has access to the resources they need to succeed.

Comprehensive AI & Robotics Programs

Our expert instructors are passionate about sharing their knowledge and helping students develop practical skills. Whether you're interested in building your first robot, developing AI algorithms, or mastering machine learning techniques, we have a program tailored to your needs.

Fostering Creativity

Our lab encourages students to explore their creative potential by providing them with opportunities to design, prototype, and innovate. Through hands-on projects, students can bring their ideas to life, turning concepts into reality.

Embracing Diversity

At Star Computer Lab, we value diversity and inclusivity. We welcome students from diverse backgrounds, fostering an environment where different perspectives and experiences enrich the learning process.

Community and Networking

Students have the opportunity to connect with like-minded peers, industry professionals, and alumni, creating a supportive network that extends beyond the classroom.

A Commitment to Excellence

At Star Computer Labs, we are committed to excellence in education. We continuously update our curriculum to stay at the forefront of technology trends, ensuring that our students are well-prepared for the challenges and opportunities of the future.

Curriculum Aligned with CBSE/IB/ICSE

Inventant education provides a year-long curriculum for classes 3-12 divided in 3 stages.

Preparatory (Class 3-5)

Curriculum Objectives
Play, discovery, and activity-based and interactive classroom learning

Concepts Covered
- Graphical Programming - Game, Story and Quiz
- AI and ML Activities
- Physical Computing and Robotics

Intermediate (Class 6-8)

Curriculum Objectives
Experiential learning aligned with Coding & AI skill subjects

Concepts Covered
- Coding (as per the Skill Subject)
- Artificial Intelligence (as per the Skill Subject)
- Physical Computing and Automation
- Robotics, Design Thinking, and Tinkering

Advanced (Class 9-12)

Curriculum Objectives
Coding, AI and Robotics with Python aligned with AI skill subject

Concepts Covered
- Python Basics (as per Computer Science)
- Artificial Intelligence (as per Skill Subject)
- Physical Computing and Robotics with Python
- Tinkering

The curriculum is aligned with NEP 2020 and covers Coding & AI Skill subjects for classes 3-12.

Modular Content · Hands-on Learning · Assignment & Quizzes · Teaching Resources

Teacher Upskill Programme

360° Holistic Development and Enhancement Programme for Educators

Behavioural Workshops

Subject Specific Workshops

Skill-Based Workshops

General Workshops

Workshops/Webinars

Inventant Education provides Workshops/Webinars for teachers as well as students.

- Preparing Next Gen School: Enhancing Classroom with Coding, AI, and Robotics
- Integrating Chat GPT and other AI tolls for Educational Purposes
- Using Open-Source Tools for Computer Education in schools
- Classroom Management
- NEP 2020
- Education 4.0
- High Impact of Teaching
- How to deal with stress for school students
- Python
- Mobile Application Development
- GIMP

- Animate 2021
- Filmora
- Gamification in Learning
- Online Ethics and Safety Measures
- Cyber Security
- Krita
- Cybersecurity Awareness and Internet Safety
- AI
- Computational Thinking & Coding
- Scratch
- Blockly
- MakeCode Arcade

This list is only for your ready reference. There are more topics which could be covered by our Team of Experts. If you have any suggested topics, please share with us.

Edu-Invent Learning App

OUR TECHNOLOGY SOLUTIONS

Edu Invent Learning app is an online digital learning platform that offers comprehensive learning experience of STEM education. Founded with a passion for igniting and fostering innovative thinking, Edu Invent App is rooted in the belief that the future belongs to those who are adept at Science, Technology , Engineering and Mathematics (STEM) to empower learners, educators and schools with cutting edge resources. It provides Video/Animated Lessons, Interactive Exercises, Study Materials, Test Paper, Generator, e-Book Reader and many more exciting learning opportunities.

KEY FEATURES

Vast STEM Resource Library- Access a vast and constantly updated library of STEM resources, including articles, videos, interactive simulations, and research materials.
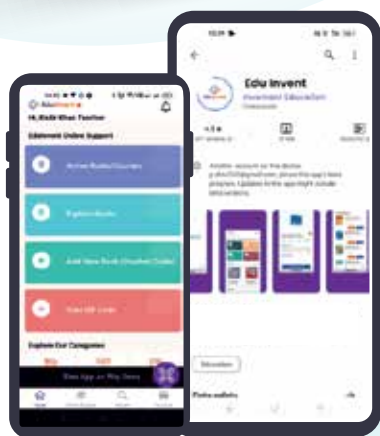
Engaging Lessons- Dive into interactive and well-structured STEM lessons that cater to different age groups and skill levels.

Interactive Games- Gamify the learning experience with a collection of STEM-based games that challenge and educate.Engage in problem-solving, critical thinking, and hands-on experiments through fun and immersive gameplay.

Peer Interaction and Collaboration- Connect with a global community of STEM enthusiasts, educators, and learners.Collaborate on projects, share knowledge, and engage in discussions through forums and chat features.

Progress Tracking and Assessments- Monitor your progress through detailed performance metrics and assessments.Receive feedback and recommendations for improvement, ensuring continuous growth.

Scan QR Code & Learn- Scan QR Code printed on the books to watch video lessons and engaging content.

Powered by **Invention Education** Present Meets Future

Edu **Invent**

GET IT ON **Google Play**

Available on the **App Store**

Visit Our Website **www.inventanteducation.com**

15

Our Reach

Kuwait
UAE
Bahrain
Nepal
Saudi Arabia
Qatar
Oman
India
Ghana
Nigeria
Indonesia
Mauritius

Inventant Education
Present Meets Future

Address: D-47, Sector 2,
Noida, Uttar Pradesh 201301

1800 202 2912

Info@inventanteducation.com

2000+
Schools

100000+
Students

Associated with **Inventant Education**

Follow us on :

www.inventanteducation.com

Scan to Visit
Our Website