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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 students, 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 Reflect NEP Principles & Curriculum



Holistic and
Multidisciplinary
Education



Emphasis on
Environmental
Awareness



Teacher Training
and Support



Focus on Inclusion
and Equity



Global
Partnerships



Digital
Infrastructure



Research and
Innovation



Skill Development
Initiatives

Computer Science

Textbooks with comprehensive and innovative approach to understand 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)

Tech Trails 2.0 & Tech Trails Pro



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

Based on : Windows 10 MS Office 2016

Main Topics : Python | MYSQL | Canva | Scratch | HTML
Artificial Intelligence | Machine Learning | Cyber Security
MakeCode Arcade | Krita (Tech Trails 2.0) | Adobe (Tech Trails Pro)

Class 1 to 8



Highlights :

- Prompt Engineering
- Computational Thinking
- Coding Transition
- AI Integration
- Cyber Olympiad
- Digital Citizenship
- Tech Rangers
- Project-Based Learning
- Chapter-wise QR Code



Class 1 to 8

Cursor Pro

Transcripts of the Future: Unravel Computational Thinking with Cursor

Based on : Windows 10 MS Office 2019

Main Topics : Python | MYSQL | HTML5 | App Development
ScratchJr | Paint 3D | MakeCode Arcade | Artificial Intelligence

Highlights :

- Computational Thinking
- Activity Zone
- Project-Based Learning
- Prompt Engineering
- Cyber Olympiad
- Chapter-wise QR Codes
- Teacher's Resources
- Coding Transition
- AI Integration
- Digital Citizenship

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



Class 1 to 8

Tech Ninja NEW

Introducing Young Minds to Coding and Creativity
in Simple Steps

Based on :  Windows 11  MS Office 2021

Main Topics : Python | HTML5 | ScratchJr | Scratch | MYSQL
Krita | Canva | Paint 3D | Audacity | Openshots
MakeCode Arcade | Artificial Intelligence

Highlights :

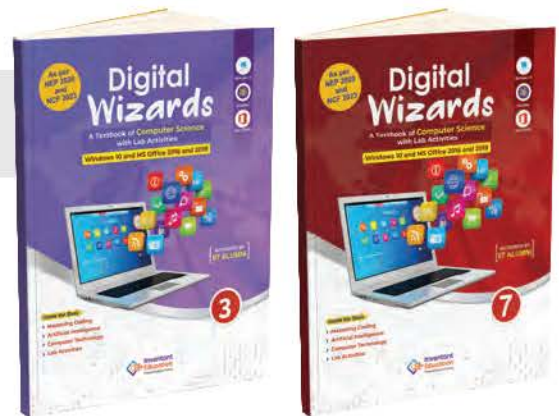
- Experiential Learning
- Coding Transition
- Project-Based Learning
- Prompt Engineering
- AI in Action
- Natural Language Processing
- Chapter-wise QR Codes
- Cyber Olympiad
- Teacher's Resources

Digital Wizards

Mastering Coding, Artificial Intelligence, Robotics,
and ICT with Fun Activities

Based on :  Windows 10  MS Office 2019

Main Topics : Canva | Tux Paint | PictoBlox | Artificial Intelligence



Class 1 to 8

Highlights :

- Artificial Intelligence
- Lab Activities
- Coding
- 21st Century Skills
- Codeavour Competition
- Story Animation



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



Class 1 to 8

Tech Bits

Path to 'Learning and Tech Innovation'

Based on:  Windows 10  MS Office 2016

Main Topics : Mail Merge | PowerPoint | Email | Scratch
Files & Folders | Excel

Highlights :

- Computational Thinking
- Competency-Based Questions
- Teacher's Resources
- Project Work
- SDGs
- Cyber Olympiad
- Activity Zone

Digiverse

Guiding Young Learners On a Journey to
Digital Mastery

A Modular Series Based on:  Windows 10  MS Office 2016

Main Topics : Activity-Based(1 & 2) | Paint 3D(3) | Word(4)
Scratch(5) | PowerPoint(6) | Excel(7) | Krita(8)

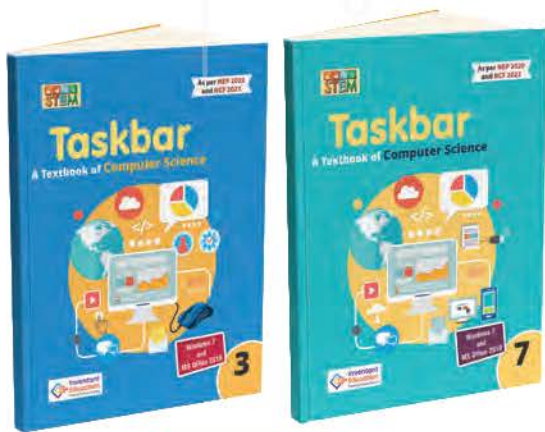


Class 1 to 8

Highlights :

- Model Test Papers
- Project Work
- Activity Zone
- Cyber Olympiad
- Teacher's Resources
- Knowledge Nuggets

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



Class 1 to 8

Taskbar

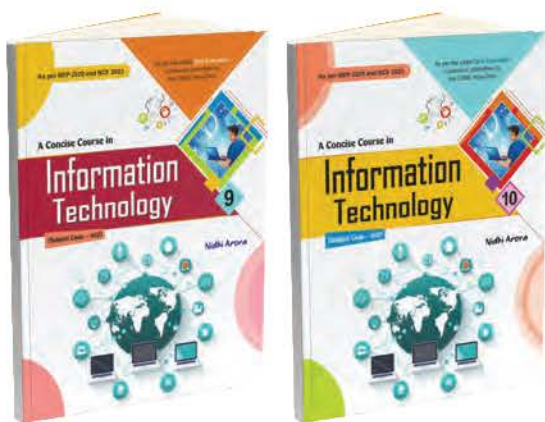
Today's Tasks Lay the Foundation For
Groundbreaking Innovations For Tomorrow

Based on :  Windows 7  Office 2010

Main Topics : Python | Krita | Natural Language Processing
HTML | Artificial Intelligence | ScratchJr

Highlights :

- Computational Thinking
- Project Work
- Teacher's Resources
- Activity Zone
- Case Study-Based Questions



Class 9 & 10 Subject Code-402

A Concise Course in Information Technology

Pathway to Learning, and Informative
Technological Transformation



As per the latest syllabus prescribed by CBSE

Based on :  LibreOffice
The Document Foundation

Main Topics : Advanced Electronic Spreadsheet | SQL & DDL
Database Management System | Digital Documentation
Digital Presentation

Highlights :

- Experiential Learning
- Inter-Disciplinary Learning
- Life Skills & Values
- Art Integration
- Computational Thinking
- Subject Enrichment

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

A Concise Course in
Artificial Intelligence  **REVISED**

Enlightening the World of Artificial Intelligence
through a Human Learning Journey

As per the latest syllabus prescribed by CBSE

Main Topics : Artificial Intelligence | Python | Generative AI
Data Literacy | Math (Statistics & Probability) | Data Science
Natural Language Processing | Computer Vision

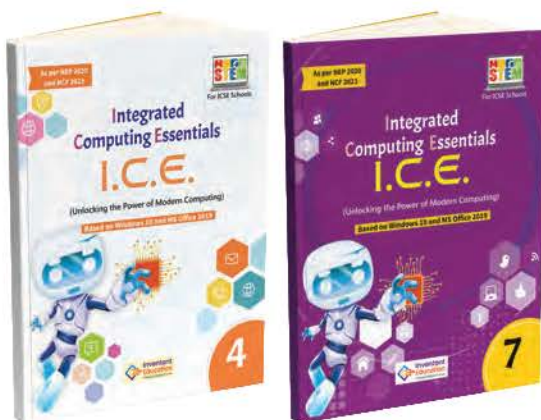
Highlights :

- Subject Enrichment
- SDGs
- Art-Integration
- Life Skills & Values
- Project Work
- Competency-Based Questions
- Activity Zone



Class 6 to 10 Subject Code-417

Latest Series Aligned
with NEP 2020 (ICSE)



Class 1 to 8

I.C.E - Integrated Computing Essentials

Unlocking the Power of Integration and
Modern Computing with I.C.E

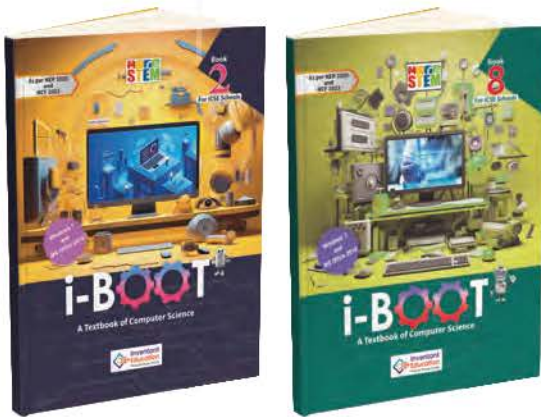
Based on :  **Windows 10**  **MS Office 2019**

Main Topics : Cloud Computing | Operating System
BlueJ (Java) | Computer Networks

Highlights :

- Computational Thinking
- Cyber Olympiad
- Project Work
- Teacher's Resources
- Activity Zone

Latest Series Aligned
with NEP 2020 (ICSE)



Class 1 to 8

i-Boot

Boot-up Your Potential and March Towards
Technological Breakthroughs

Based on:  Windows 7  Office 2010

Main Topics : BlueJ (Java) | Networking | Algorithms & Flowcharts
Operating System

Highlights :

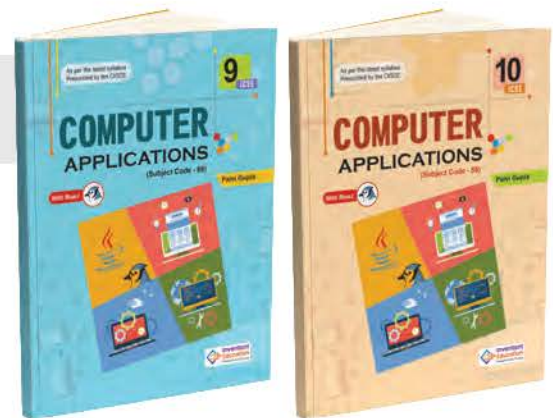
- Cyber Olympiad
- Project Work
- Teacher's Resources
- Worksheets
- Case Study-Based Questions
- Activity Zone

Computer Applications NEW

A Guide to Understanding Computer Fundamentals
and Practical Programming Skills

As per the latest syllabus prescribed by ICSE

Main Topics : Class | Arrays | String Handling | OOP
BlueJ (Java) | Graphical User Interface



Class 9 & 10 Subject Code - 86

Highlights :

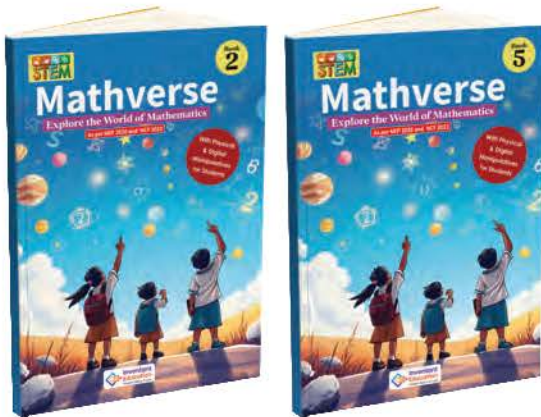
- Exercises & Projects
- Activity Zone
- Teacher's Resources
- Programming Skills
- Project Work
- Model Test Papers
- Application-Based Question
- Practical Question
- Definition
- Extra Time

Mathematics

Our mathematics textbook develops problem-solving skills, nurturing reasoning, and highlighting number's impact on daily life.

Latest Series Aligned

with NEP 2020 (CBSE)



Class 1 to 8

Mathverse REVISED

Dive into the Mathematical Universe of Mathverse, Where Exploration Knows no Bounds

Highlights :

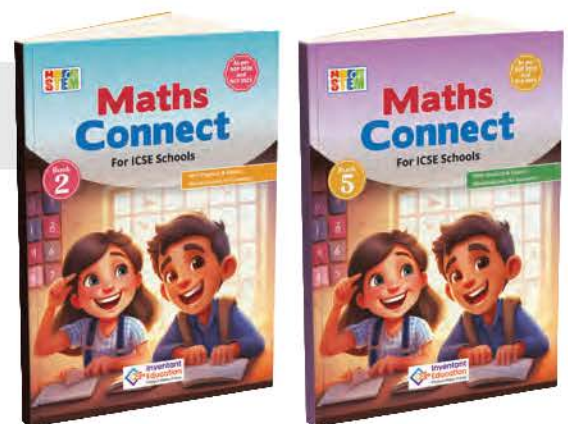
- Physical Manipulatives
- Case Study-Based Questions
- Competency-Based Questions
- Teacher's Resources
- Worksheets

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 :

- Physical Manipulatives
- Child-Centric Methodology
- Theme-Based Approach
- Innovative Teaching Approach
- Interactive Exercises
- Real World Application

The Joy of Nature (EVS)

Our Environmental Studies Textbook explores the wonders of the environment, teaching children about nature, ecosystems, and the importance of caring for our planet.

Latest Series Aligned

with NEP 2020
(CBSE | ICSE | State Boards)



Class 1 to 5

The Joy of Nature A Textbook of Environmental Studies

Connecting Classroom Knowledge with Nature
Using Engaging and Interactive Methods

Based on : The National Curriculum Framework

Highlights :

- Art-Integration
- Picture-Based Question
- Case-Study
- Competency-Based Learning
- E-book (For Teachers)
- Activity Zone
- Experiential Learning
- Real-life Connections

ALIGNED WITH NEP 2020 & NCF 2023

Learning Skills (4Cs)

- ✓ Critical Thinking
- ✓ Creativity
- ✓ Communication
- ✓ Collaboration

Literacy Skills (IMT)

- ✓ Information Literacy
- ✓ Media Literacy
- ✓ Technology Literacy

Life Skills (FLIPS)

- ✓ Flexibility
- ✓ Leadership & Responsibility
- ✓ Initiative
- ✓ Productivity & Accountability
- ✓ Social Interaction

The Six Pramanas

Inference

Perception

Comparison

Verbal Testimony

Non-Apprehension

Postulation

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)



Class 1 to 5

Sciverse

Fuel the Flame of Inquiry and Inspire a Journey of Scientific Discovery with Sciverse

Highlights :

- Experiential Learning
- Case Study
- Life Skills
- Art Integration
- Picture-Based Analysis
- 21st Century Skills
- Animation Lecture
- E-Book (For Teachers)

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 :

- Experiential Learning
- Case Study
- SDGs
- Art Integration
- Picture-Based Analysis
- 21st Century Skills

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)



Class 1 to 8

Practice English Grammar & Composition

A Comprehensive Guide to Mastering English Grammar and Effective Composition



Highlights :

- Skill-Based Learning
- Art-Integration Exercises
- Teacher's Resources
- Activity-Based Exercises
- Revision Exercises

Paradigm English Grammar & Composition

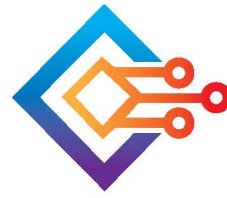
Illuminating Pathways to Flawless Communication and Writing



Class 1 to 8

Highlights :

- Art-Integration
- Revision Exercises
- Hands-on Learning
- Teacher's Resources
- Activity-Based Exercises



**Inventant
Education**
Present Meets Future



AI & ROBOTICS INNOVATION LABS

An ecosystem to foster Learning, Creativity,
and Innovation in Coding, Artificial
Intelligence, Machine Learning & Robotics.



Inventant AI & Robotics Innovation Labs

AI & Robotics Innovation Labs for schools provide the perfect ecosystem & platform for students to develop the necessary technical knowledge to become future-ready. The platform is designed to help students gain an in-depth understanding of Coding, Artificial Intelligence, and Robotics through hands-on experiments & learning by doing approach. With the help of our cutting-edge technology, students can explore, experiment, and build projects of their own, all while developing their critical thinking and problem-solving skills.



What's Included



Coding



Artificial Intelligence



Robotics



Machine Learning

AI & Robotics Innovation Labs Focuses On



Problem Solving



Critical Thinking



Creativity
& Innovation



Collaboration and
Teamwork



Core Technical
Skills



Adaptability
& Resilience



Implementation Plan



Lab Setup



Teacher Training
& Curriculum Inclusion



Annual Innovation
Festival & Competition



Doubt Sessions
& Year-long Support



Infrastructure

- **No additional space/infrastructure is required.**
- If you have an existing computer lab of 500 sq. ft. or higher, the lab will be an upgradation of the existing lab.
- Only additional requirement in this case will be the storage racks for the lab equipment.

- **No additional manpower is required.**
- We upskill the existing computer teachers to cover the curriculum along with year-long handholding.



Manpower



Special Period

- **No additional period is required in your timetable.**
- If school has 2 or more periods for computer education, 1 period can be dedicated to the lab.

- **Uses the existing IT Infra in the Computer Labs.**
- 1 x Projector and Computer for Teacher
- 1 x Laptop/Tablet per group (Total 12-15 Devices)
- Min. System Specs: Windows 7/Linux/MacOS with 4 GB RAM with WEBCAM & MIC
- Internet Access



IT Requirement

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 exciting learning opportunities in the form of-



TEACHER-STUDENT COMMUNITY



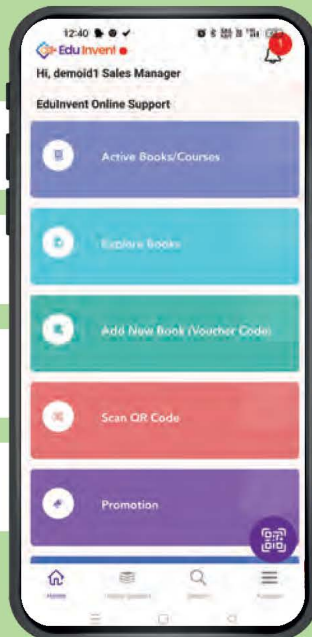
SCAN, WATCH AND LEARN



TEST PAPER GENERATOR



STUDY MATERIALS AND MORE



E-BOOKS FOR TEACHERS



LIVE CLASSES & WEBINARS



VIDEO LESSONS/ ANIMATED LESSONS



ONLINE QUIZZES

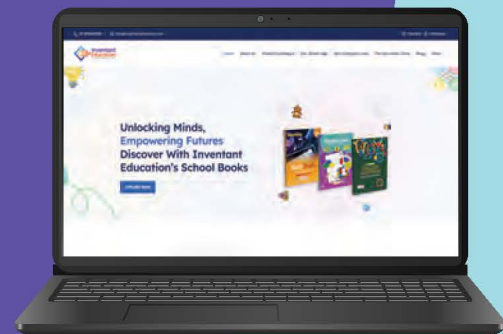
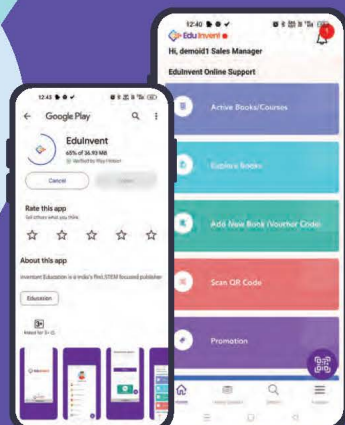


FLIPBOOKS



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