IDEAL

English Medium Catalogue

STANDARD 1 TO 8

I MENTOR QR SERIES

- SCIENCE **NCERT**
- MATH **NCERT**
- ENGLISH **NCERT**
- SOCIAL SCIENCE
- ENGLISH (FL)
- HINDI
- GUJARATI
- SANSKRIT
- EVS

Additional Books

- DIGITAL LEADER (COMPUTER)
- IDEAL ENGLISH GRAMMAR
- IDEAL DRAWING BOOK
- IDEAL HINDI (STANDARD 1 TO 4)

www.ideal.ind.in

IDEAL®
Get Involved

Key Features of I-Mentor QR

Workbook for Classwork & Homework

Subject-wise Work Books

Rote to Real Learning

Topic-wise questions as per the flow of the chapter

Acts as Mentor & Save Time

Descriptive questions **with answers**

No Repetition of Work

Questions to fulfill the learning objective **omitting unnecessary repetition**

Textbook Revision

Inclusion of all important **textbook questions** mentioned with '***'

e-Answer Key Access for Parents and Teachers

Chapter-wise QR code to access the e-Answer Key (pdf) of the respective chapter

Ideal Mentor QR Series

Standard 1 & 2

STANDARD-1 | STANDARD-2

Key Features

QR codes for every chapter to access the pdf of sample answer key of the respective chapter.

Teachers can add their own materials with each QR code with implementation of Ideal CMS Platform.

Colourful illustrations to stimulate the learner's interest.

Activities/Exercises providing plenty of practice to relate and understand the textbook's content.

Std.	Subjects (Books in two parts)
1	Math-Magic, English, કલકલિયો, Ideal Hindi-1 NCERT NCERT
2	Math-Magic, English, બુલબુલ, Ideal Hindi-2 NCERT NCERT

Std.	Subjects (Books in one part)
1	Environmental Studies (EVS), Mathematics
2	Environmental Studies (EVS), Mathematics

Ready for NEP

READY FOR NEW EDUCATION POLICY (NEP)

As per NEP 2020, the Foundational Stage includes pre-primary as well as grades 1 & 2.

Thus, EVS and Math for grades 1 and 2 are designed to act as a link between the Foundational Stage and the Preparatory Stage providing activity-based learning to support children during this transition.
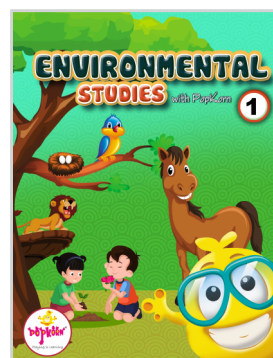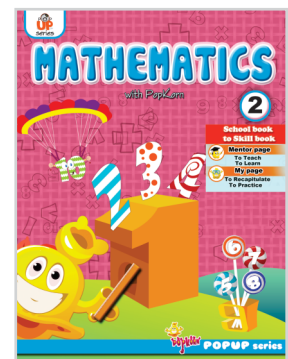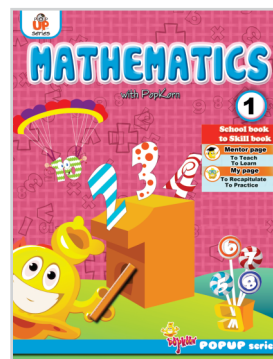
As per NEP our Popkorn Books and Grade 1 & 2 (EVS / Math) are synced.

Std.	Books in two parts
3	Math-Magic, Marigold, Looking Around (EVS), English(FL), Ideal Hindi-3, મયૂર NCERT · NCERT
4	Math-Magic, Marigold, Looking Around (EVS), English (FL), Ideal Hindi-4, हिन्दी, પતરંગો NCERT · NCERT
5	Math-Magic, Marigold, Looking Around (EVS), English (FL), हिन्दी, કુક્કુટ NCERT · NCERT
6	Mathematics, Science, Honeysuckle, Social Science, English (FL), हिन्दी, संस्कृत, ગુજરાતી NCERT · NCERT · NCERT
7	Mathematics, Science, Honeycomb, Social Science, English (FL), हिन्दी, संस्कृत, ગુજરાતી* NCERT · NCERT · NCERT
8	Mathematics, Science, Honeydew, Social Science, English (FL), हिन्दी, संस्कृत, ગુજરાતી* NCERT · NCERT · NCERT

MATHEMATICS — STANDARD 8 SEM - 1 — Ideal — NCERT

SCIENCE — STANDARD 8 SEM - 1 — Ideal — NCERT

HONEYDEW (ENGLISH) Based on NCERT Textbook — STANDARD 8 SEM - 1 — Ideal — NCERT

SOCIAL SCIENCE — STANDARD 8 SEM - 1 — Ideal

ENGLISH — STANDARD 8 SEM - 1 — Ideal

हिन्दी — STANDARD 8 SEM - 1 — Ideal

ગુજરાતી — STANDARD 8 SEM - 1 — Ideal

संस्कृत — STANDARD 8 SEM - 1 — Ideal

Standard 8 Science

1 Crop Production And Management

Introduction

1. How do organisms get energy to carry out their various body functions ?

2. What is necessary in crop production to provide food for a large population ?

Agricultural Practices

3. **Define :** Crop

4. On what basis can crops be classified ?

5. Into how many groups can crops be classified based upon the seasons, in India ?

6. **Give reason : Different types of crops are grown in different regions of India.**

A. India is a vast country. The climatic conditions like temperature, humidity and rainfall vary from one region to another. Different regions have different soil types. Each crop requires specific temperature and soil type. Hence different types of crops are grown in different regions of India.

7. Which of the following is incorrect ? ( )
   (A) The crops which are sown in the rainy season are called Kharif crops.
   (B) The crops which are sown in the winter season are called Rabi crops.
   (C) Pulses and vegetables are available in summer also.
   (D) Any crop can be grown in any season.

8. **Give two example of each. *****

A. (1) Kharif crop : _____ (2) Rabi crop : _____

I am an 'Ideal Student'... I am a Change Maker. **3**

Key Features

- Topic-wise QR code to access the answer key of the respective topic.

- Teachers can add their own content with each QR Code with implementation of Ideal CMS Platform.

- Descriptive questions with answer to save the time of teachers as well as students.

- Inclusion of important textbook questions.

* Level of **ગુજરાતી** textbook for Std. 7 to 8
In **Std.7** the textbook of **Std.5 Guj. Med.** is referred to.
In **Std.8** the textbook of **Std.6 Guj. Med.** is referred to.
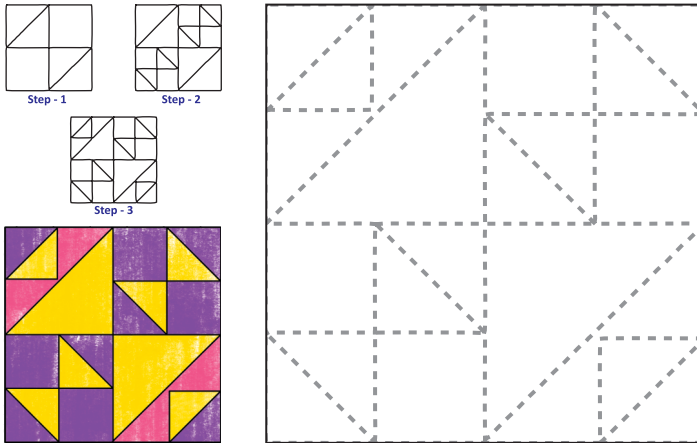
Ideal Drawing Book

Standard 1 to 8

- Specially designed for little artists.
- Colouring and drawing activities according to the grade.

18. Design (Geometrical Shapes)

✦ Observe the steps 1, 2 and 3 to understand the method of creating geometrical shape designs in a square. Trace along the dotted lines and colour the picture.

Step - 1   Step - 2

Step - 3

Teacher's Remark ☆☆☆☆☆

Ideal Drawing Book - 2   25

Key Features

Develops visualization and creative thinking skills.

Teaches different art forms like: Drawing, Painting, Moulding, Constructing, Designing.

Step by step method to make drawing easy and enjoyable.

Ideal English Grammar

Standard 1 to 8
(Available from the academic year 2023)

Key Features

Each Chapter focuses on a particular lucid grammar skill and precise explanation with interesting and suitable examples.

Colourful illustrations to stimulate the learner's Interest.

Relevant and sufficient exercises to facilitate the grasp of the concept.

Communication and observation-based activity section.

Comprehension and composition section to sharpen reading and writing skills.

Digital Leader (Computer)

Teacher's Corner
To support teachers/parents who deliver the concept.

Know this
To provide interesting fact-based information.

Life skill
To inculcate moral values while using the technology.

Get information/ discuss/think
To develop curiosity and logical power of the students.

Lab Work
A list of tasks for students to do in the lab.

---

1 Computer Networking

- Before knowing about the computer network, let us understand what is network. A network is an interconnected network of people, equipment and devices. If more than one person connects with each other to complete a specific task, it is called a human network.
- Thus, a computer network is a group of two or more devices, which are connected to each other. In other words, a network consists of different computer systems connected physically or wirelessly. To exchange information between two or more than two computers a set of specific rules and data formats is used, which is called a network. In short, a group of computers connected to share information is called a 'computer network'.

History of Networking

- Computer networks began in the late 1950s. These included the U.S. military's Semi-Automated Ground Environment (SAGE) and a commercial airline reservation system, called the Semi-Automated Business Research Environment (SABRE). The Advanced Research Projects Agency Network (ARPANET) was created by the Department of Defence in the U.S. based on the designs developed in the 1960s. This simple network has evolved into the present-day Internet.

Some Basic Hardware Components Used in Networks

- **Network Interface Cards (NIC):** Network interface cards are hardware devices that connect one computer to another through a network. Media Access Control (MAC) addresses are used to connect them, making communication possible.
- **Repeaters:** Repeaters are used to propagate communication signals, which filter noise entering the signal.
- **Hubs:** Hubs are useful for sending information to all computers in a network without modifying the information or data packets. Every port has many ports in it.
- **Bridge:** A bridge allows information to go to a specific location. It connects various segments in a network to send information to a specific location.
- **Switch:** The switch filters small chunks of data in data packets by address and NAC sends the filtered data to the next device.
- **Routers:** Routers process the information contained in the packet and forward the packet between the networks.
- **Firewall:** Firewall protects the network. It prohibits access to information that disrupts the functioning of the computer. In short, the security boundary of a network is called the firewall.

Key Features

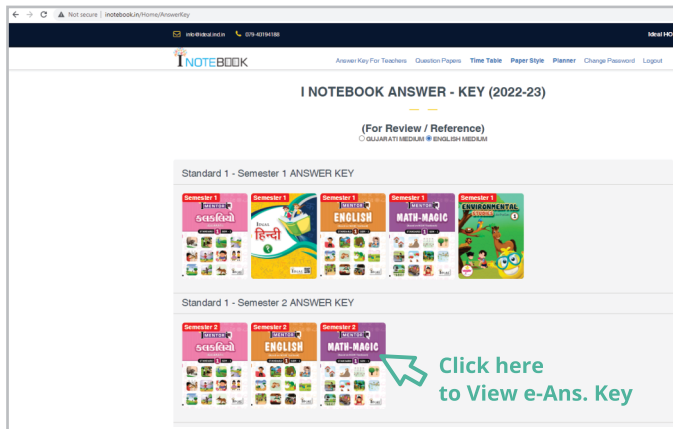- Connecting students with the digital world.
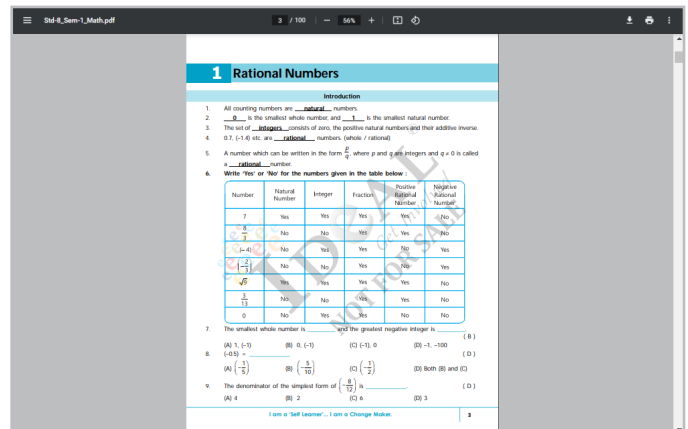- Providing proper understanding of digital skills.
- Introducing computer as a tool.
- Helping students to use the computer in their day to day activities.

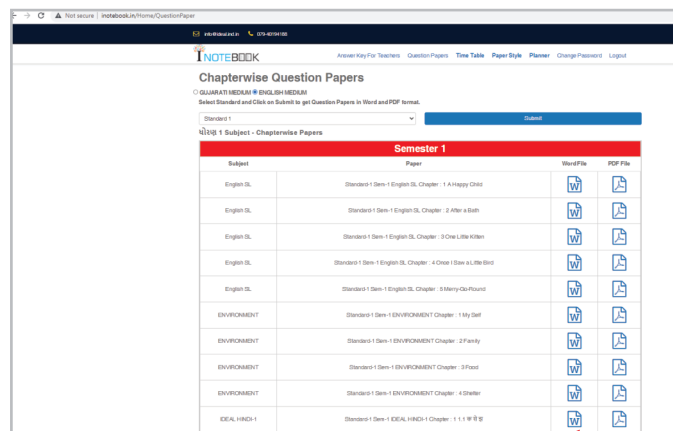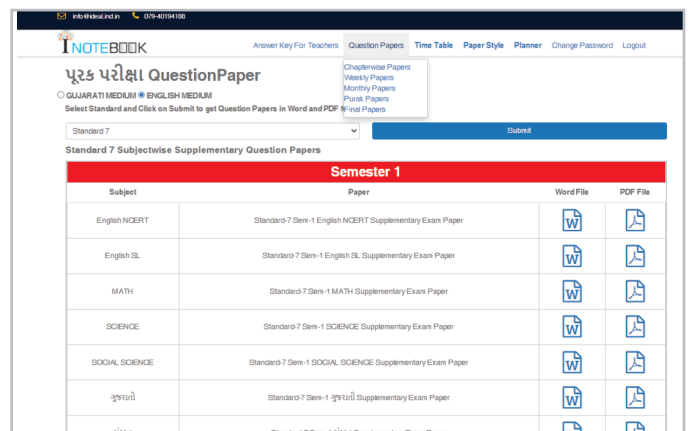## Ideal's initiative to support teachers

Click here to View e-Ans. Key

Answer keys of all the books for teacher's reference
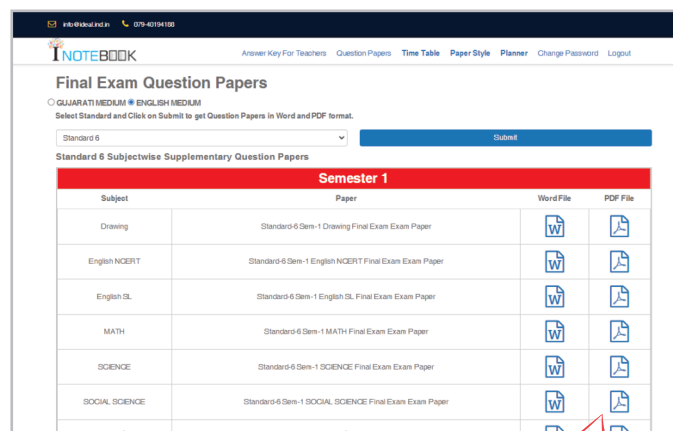

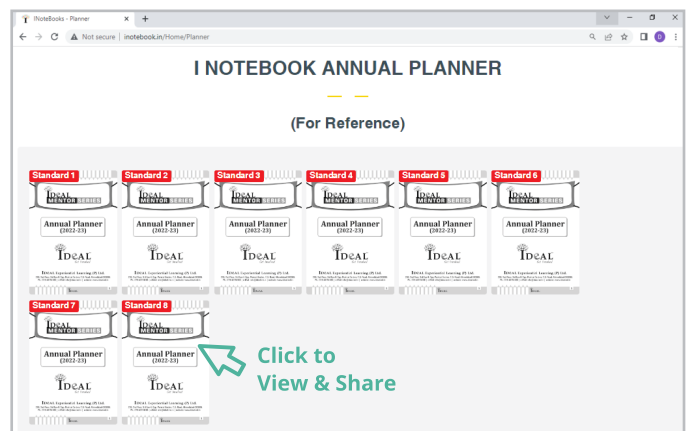### Refer any of the e-Answer Key

Chapter-wise
Question papers (Word & PDF).

FA1 and FA2 (Purak)
Question Papers (Word & PDF).

SA1 and SA2 (Final)
Question Papers (Word & PDF).

Click to View & Share

Planners
(Monthwise)

How to access e-Answer Key ?

(For Parents & Teachers)

1   **Scan the QR code.**

2   **Download** our **App** & **Install** it.

3   **Scan** the **QR CODE** of the chapter, the answer key of which you **want to Access**.

4   **BUY / ACTIVATE** the pack of **e-Answer Key**.

Disclaimer : Ideal always aims to deliver real learning and not rote learning. Thus, these e-Answer keys are provided just as an aid to assist educators while guiding students to write answers. This is a one-stop resource, available for parents as well, so they can support their child if they are stuck.

North Gujarat	Central Gujarat	Saurashtra	South Gujarat
8238015937	**8238074515**	**8238074512**	**8238074511**