



# CATALOGUE

— Books for Classes 9-12 —

2022-2023



The background of the page features a light beige illustration. On the left side, there is a stack of several books, some of which are open, showing their pages. Scattered across the upper and middle portions of the page are numerous stylized birds in flight, depicted in a simple, elegant line-art style. The overall aesthetic is clean and academic.

# CONTENTS

1. English	2
2. Plays	5
3. Physical Education	6
4. Mathematics	11
5. Science	13
6. Social Science	22
7. Map Practice & Computer Applications	24
8. Information Technology	25

# LIVING ENGLISH STUDY BOOK

for Classes 9 and 10

for CBSE and State Boards

**LIVING ENGLISH STUDY BOOKS** for Classes 9 and 10 are meant for CBSE and State Boards and are based on the latest CBSE syllabus and the guidelines of NEP 2020.

## NEP 2020 FEATURES

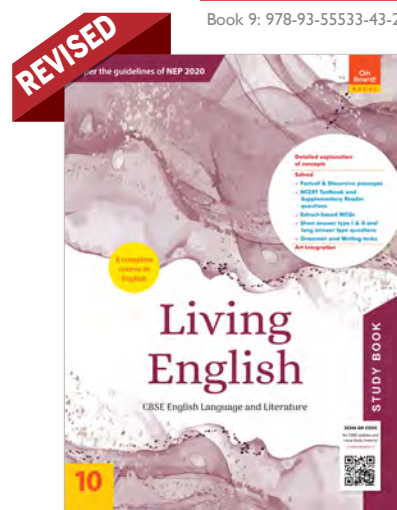
- **Reading** includes strategies for attempting comprehension, and **MCQs** based on **Case-based Factual** and on **Discursive Passages**.
- **Writing** includes detailed notes and formats for writing tasks along with **solved questions** for each task.
- **Grammar** section gives detailed notes for students to recap and revise grammar rules and also varied **solved questions** to clarify grammar concepts.
- **Literature** section comprises **theme of prose/drama, central idea of poem, summary, plot progression, character and author notes** and **feature boxes** explaining literary devices, language usage and genres.
- **Solved NCERT textbook** and **Supplementary Reader questions, Extract-based MCQs, Short Answer Type-I and Type-II Questions** and **Long Answer Type Questions** are also given in the **Literature** section.
- **Art Integration** helps students apply critical thinking and creativity for deeper comprehension.

## ENRICHING FEATURES

- Practice tasks for **Speaking Skills**
- Passages and Practice tasks for **Listening Skills**



Book 9: 978-93-55533-43-2



Book 10: 978-93-55533-45-6





## LIVING ENGLISH PRACTICE BOOK

for CBSE and State Boards

**LIVING ENGLISH PRACTICE BOOKS** for Classes 9 and 10 are meant for CBSE and State Boards and are based on the latest CBSE syllabus and the guidelines of NEP 2020.

### NEP 2020 FEATURES

- **Reading** includes **Marking Scheme** along with **Recall Pages** for easy recap and **Assignments** on **Case-based Factual Passages** and on **Discursive Passages**.
- **Writing** includes **Marking Scheme**, **Recall Pages** and **Assignments** on **each writing task** prescribed by the Board.
- **Grammar** section comprises **Recall Pages** and **Assignments** for **each grammar topic** and **Assignments** on **Integrated Grammar Practice**.
- **Literature** section comprises **Summaries for prose/poetry/drama** and **Assignments** on **Extract-based MCQs**, **Short Answer Type-I and Type-II Questions** and **Long Answer Type Questions**.

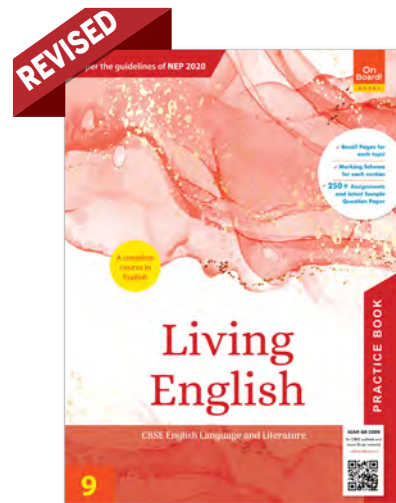
### ENRICHING FEATURE

- **Periodic Test Papers** and **Annual Test Paper** to familiarise students with the content, format and marking scheme of CBSE paper.

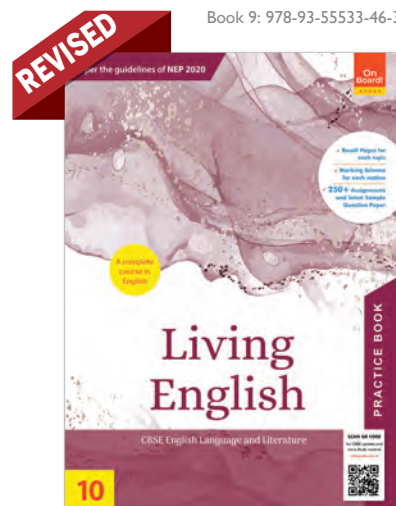
### SUPPORT AVAILABLE

- Teacher's Companion
- Updated Sample Question Papers

for Classes 9 and 10



Book 9: 978-93-55533-46-3

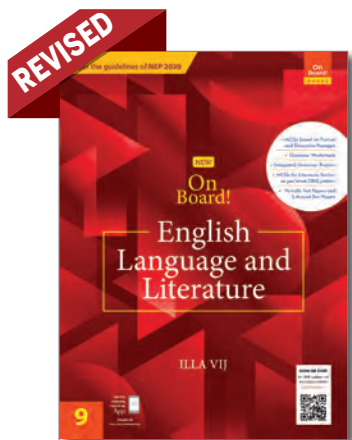


Book 10: 978-93-55533-52-4



## NEW ON BOARD! ENGLISH LANGUAGE AND LITERATURE — for Classes 9 and 10

for CBSE and State Boards



Book 9: 978-93-55532-72-5



Book 10: 978-93-55532-77-0

**NEW ON BOARD! ENGLISH LANGUAGE AND LITERATURE BOOKS** for Classes 9 and 10 are meant for CBSE and State Boards and are based on the latest CBSE syllabus and the guidelines of NEP 2020.

### NEP 2020 FEATURES

- **Reading** includes strategies for attempting comprehension, and **MCQs** based on **Case-based Factual** and on **Discursive Passages**.
- **Writing** includes writing **Clues** and **Tips** for developing content, **Strategies** for writing tasks and **Samples** based on Board exams.
- **Grammar** section has notes to help students go through grammar rules and includes **Gap Filling**, **Editing** and **Dialogue Writing**.
- **Literature** section comprises notes on **literary devices**, **Guidelines** for answering questions, **Graphic organizers**, **Poem summaries** and varied exercises including **MCQs**.

### ENRICHING FEATURES

- **Word Power** encourages the use of dictionary, develops vocabulary and brings proficiency in receptive and productive skills of English language.
- **Periodic Test Papers** and **Annual Test Papers** familiarise students with the content, format and marking scheme of CBSE exams.

### SUPPORT AVAILABLE

- Teacher's Companion
- Listening Text in an App
- Sample Question Papers



ICSE / ISC

## SHAKESPEARE FOR SCHOOLS ————— for Classes 9 to 12

Ratna Sagar proudly presents special student editions of two titles of Shakespeare. Instructionally designed after the pattern of the ICSE and ISC curriculum, these two titles are a worthy addition to any library, and a great resource for any student wishing to read Shakespeare.

## THE MERCHANT OF VENICE

Perhaps the most singular of Shakespeare's romantic comedies, *The Merchant of Venice* is best remembered for its dramatic scenes, moving speeches, and the unforgettable character of Shylock. Though not the merchant of the title of the play, Shylock wrests for himself a centrality of role that places Shakespeare much ahead of his times – more or less a revolutionary, almost an iconoclast.

This special student edition of *The Merchant of Venice* by Ratna Sagar follows closely the A W Verity edition not only with respect to the text but also annotations, which are suitably simplified for young readers. The title contains:

**TEXTBOOK:** In this regular edition of the textbook the original text is closely annotated with comprehensive word meanings and notes. Correctness of meaning and precision of wording are the hallmark of this annotated version.

**TEXTBOOK WITH PARAPHRASE:** The paraphrase edition has the original text and its modern English translation, supported by exhaustive annotations. A great way to simplify Shakespeare!

**WORKBOOK:** A compilation of scene-wise practice questions, framed on a progressive testing scale of detail and original thinking. The questions are preceded by short summaries and critical notes that help students to recall the main action and significant episodes in a scene.

## THE TEMPEST

One of Shakespeare's well-loved comedies, *The Tempest* introduces one to a host of intriguing characters like the earthy Caliban, the conniving Prospero, and an ethereal spirit, Ariel. An exploration of the urge to rule, conquer and re-establish one's authority, this play provokes debates about legitimate rights over territory and its inhabitants.

This special edition of *The Tempest* has annotations that accompany the text that will familiarize readers with a critical frame for looking at this play and help them examine it incisively.



Textbook: 978-93-5036-460-4  
Textbook with Paraphrase: 978-93-5036-459-8  
Workbook: 978-93-5036-461-1

ALSO AVAILABLE  
Teacher's  
Companion



Textbook: 978-93-8600-37-0

ALSO AVAILABLE  
Teacher's  
Companion

## A TEXTBOOK OF PHYSICAL EDUCATION

for Classes XI and XII

for CBSE and State Boards

**A TEXTBOOK OF PHYSICAL EDUCATION BOOKS** for Classes XI and XII are meant for CBSE and State Boards and are based on the latest CBSE syllabus and the guidelines of NEP 2020.

### KEY NEP 2020 FEATURES

- Exercises include **MCQs, Competency-Based Questions, Short Answer Type-I and Type-II Questions** and **Value-Based Questions**.
- **Competency-Based Questions** comprise **Assertion-Reason** and also **Data-Based, Case-Based and Picture-Based Questions**.
- **Art Integration** helps students in developing critical thinking and creativity for deeper understanding.

### ENRICHING FEATURES

- **Flow Charts** and **Tables** help students understand the concepts better.
- **Summary** at the end of each chapter provides quick recap of the important concepts learnt.
- **Glossary** is given at the end of the book for quick reference.

### SUPPORT AVAILABLE

- Teacher's Companion
- Worksheets
- Additional Chapterwise MCQs (Question Bank)
- Sample Question Papers
- Chapterwise Presentations

with  
**FREE  
POSTER**



Book 11: 978-93-55532-78-7



Book 12: 978-93-55532-79-4



\*Register at this link to be informed of the latest updates available



# शारीरिक शिक्षा

कक्षा XI और XII के लिए

सीबीएसई के नवीनतम पाठ्यक्रम पर आधारित



Book 11: 978-93-52908-35-6



Book 12: 978-93-52908-36-3

**शारीरिक शिक्षा** कक्षा XI और XII की पाठ्यपुस्तक केंद्रीय माध्यमिक शिक्षा बोर्ड (सीबीएसई) के नवीनतम पाठ्यक्रम पर आधारित दो पुस्तकों की एक शृंखला है। इस शृंखला की प्रत्येक पुस्तक छात्रों के योग्यता स्तर को ध्यान में रखकर तैयार की गई है।

## पुस्तकों की मुख्य विशेषताएँ

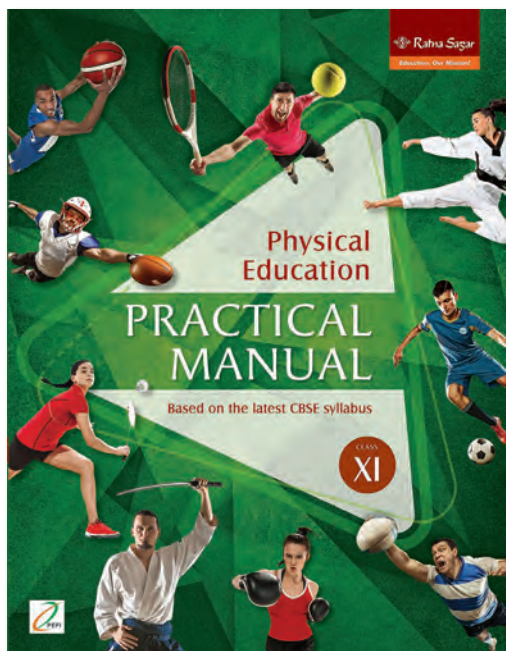
- नवीनतम पाठ्यक्रम में दिए गए सभी विषयों का व्यवस्थित क्रम में समुचित विवरण।
- पाठों में वृहत आकार के रंगीन एवं आकर्षक चित्र दिए गए हैं जो शारीरिक शिक्षा के पठन-पाठन का जीवंत अनुभव प्रदान करते हैं।
- महत्वपूर्ण अवधारणाओं को स्पष्ट रूप से समझने के लिए फ्लो-चार्ट और तालिकाएँ दी गई हैं।
- प्रत्येक पाठ के अंत में सारांश दिया गया है जो पाठ में आए महत्वपूर्ण बिंदुओं के त्वरित पुनरावृत्ति में सहायक है।
- प्रत्येक अभ्यास में वस्तुनिष्ठ प्रश्न/बहु-वैकल्पिक प्रश्न, अति लघु उत्तरीय प्रश्न, टाइप-I लघु उत्तरीय प्रश्न, टाइप-II लघु उत्तरीय प्रश्न और मूल्य आधारित प्रश्नों का समावेश किया गया है। ये अभ्यास बोर्ड परीक्षाओं की अंक योजना पर आधारित हैं ताकि छात्रों को परीक्षा की तैयारी में मदद मिल सके।
- अवधारणाओं से संबंधित रोचक तथ्य और जानकारी 'क्या आप जानते हैं?' के रूप में दी गई है।
- कठिन एवं तकनीकी शब्दों को समझने के लिए पुस्तक के अंत में शब्दावली दी गई है।



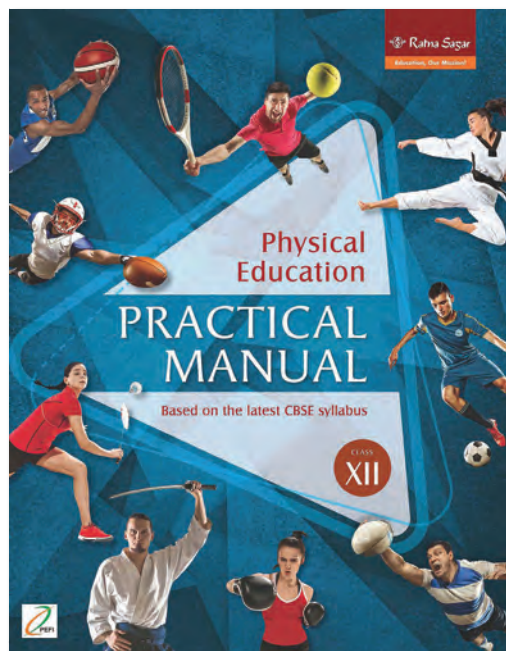
## PHYSICAL EDUCATION PRACTICAL MANUAL

for Classes XI and XII

for CBSE and State Boards



Book 11: 978-93-52908-37-0 (SOFTBOUND)  
Book 11: 978-93-52909-83-4 (HARDBOUND)



Book 12: 978-93-52908-38-7 (SOFTBOUND)  
Book 12: 978-93-52909-84-1 (HARDBOUND)

**PHYSICAL EDUCATION PRACTICAL MANUAL** for Classes XI and XII is a series of two books written in strict conformity with the latest syllabus prescribed by the CBSE.

### KEY FEATURES

- Comprehensive coverage of all the topics given in the latest syllabus.
- Each game includes its history, latest rules, playing field and equipment, terminology, fundamental skills, important venues, personalities, tournaments and award winners.
- Variety of viva voce questions that allow interactive discussion.
- A summary at the end of each chapter provides a quick recap.

## MAINSTREAMING HEALTH AND PHYSICAL EDUCATION

for Classes IX to XII

for CBSE and State Boards

**COMPULSORY**  
for  
**CLASSES**  
**IX to XII**



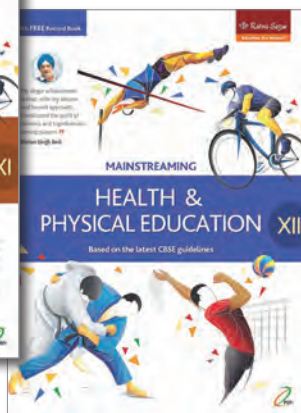
Book 9: 978-93-52909-10-0



Book 10: 978-93-52909-11-7



Book 11: 978-93-52908-43-1



Book 12: 978-93-52908-44-8

**MAINSTREAMING HEALTH AND PHYSICAL EDUCATION BOOKS** for Classes IX to XII are based on the latest syllabus prescribed by the CBSE.

### KEY FEATURES

- Four Strands
- Strand 1: Games/Sports
  - Introduction of Chapter
  - Rules of the Game
  - History of the Game
  - Facts about Game
  - STEP Method
  - Purpose and Outcome of the Activity
  - Revision Questions
- Strand 2: Health and Fitness
- Strand 3: SEWA (Social Empowerment through Work Education and Action)
- Strand 4: Health and Activity Record

with  
**FREE**  
**RECORD BOOK**

MAINSTREAMING HPE

ACTIVITY AND PROJECT RECORD BOOK

for Classes IX to XII

for CBSE and State Boards

COMPULSORY  
for  
CLASSES  
IX to XII



Book 9: 978-93-52909-12-4



Book 10: 978-93-52909-13-1



Book 11: 978-93-52908-41-7



Book 12: 978-93-52908-42-4

MAINSTREAMING HEALTH AND PHYSICAL EDUCATION, ACTIVITY AND PROJECT RECORD BOOK

for Classes IX to XII contain all the forms issued by the CBSE.

KEY FEATURES

- Health and Activity Record (Strand 4: All essential forms are given to maintain record)
- Personal Data
- Test Details
- Ample number of pages for writing projects/practicals



# MATHEMATICS PRACTICE BOOK

for Classes 9 and 10

for CBSE and State Boards

**MATHEMATICS PRACTICE BOOKS** for Classes 9 and 10 are meant for CBSE and State Boards and are based on the latest CBSE syllabus and the guidelines of NEP 2020.

## KEY NEP 2020 FEATURES

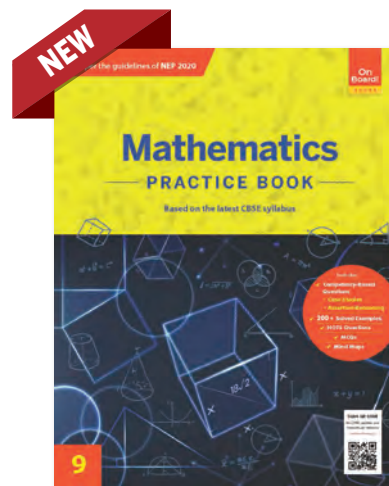
- Extensive Exercises include **MCQs, Very Short Answer, Short Answer and Long Answer Type Questions.**
- Competency-based Questions comprise **Case Study Based and Assertion-Reasoning Type Questions.**
- **HOTS Questions** test the analytical, logical and reasoning skills of students.

## ENRICHING FEATURES

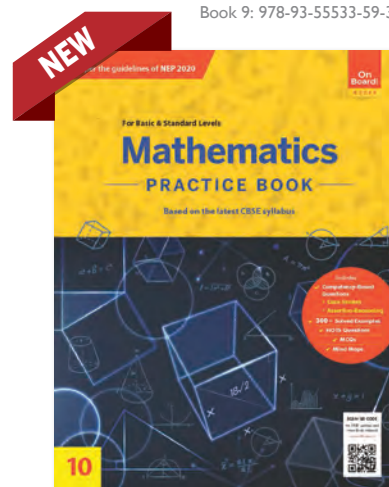
- **Mind Map** summarises important concepts of a chapter in a concise way for easy recall.
- **Competition Corner** includes challenging questions for students to make them competent to face any competitive examination.
- **Self-Assessment** helps students to evaluate their performance.
- **Sample Question Papers** familiarise students with the content, formats, marking scheme and expectations of the CBSE Paper.

## SUPPORT AVAILABLE

- Teacher's Companion
- Worksheets
- Additional MCQs (Question Bank)
- Sample Question Papers



Book 9: 978-93-55533-59-3



Book 10: 978-93-55533-60-9

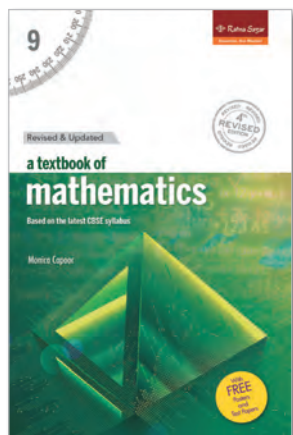


\*Register at this link to be informed of the latest updates available

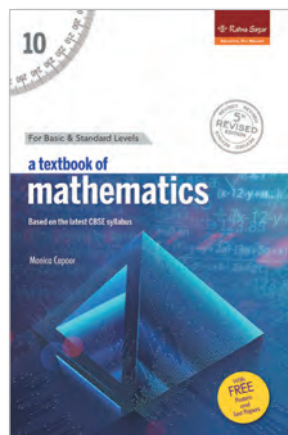
# A TEXTBOOK OF MATHEMATICS

for Classes 9 and 10

for CBSE and State Boards



Book 9: 978-93-52907-94-6



Book 10: 978-93-52907-95-3

**BASIC  
&  
STANDARD  
EDITION FOR  
CLASS 10**

**A TEXTBOOK OF MATHEMATICS** is a series of two books for Classes 9 and 10. This series is based on the latest syllabus issued by the CBSE and many other State Education Boards and follows the NEP 2020 guidelines.

## KEY FEATURES

- It caters to students of different mathematical skills.
- Every chapter includes
  - an adequate number of **solved examples**.
  - a large number of **unsolved problems** for practice and **hints to selected problems**.
  - **check your understanding** and **unit test** consist of multiple-choice questions, short answer type questions, puzzles, match the columns, true/false, etc.
  - **value-based questions** to inculcate values in students.
- **Maths lab activities** included in the section IN THE LAB to help develop conceptual understanding.
- **Informative posters** containing theorems, postulates, formulae and definitions have been given.
- **Periodic Test Papers** and **Annual Test Paper** are given for practice.

## SUPPLEMENT INCLUDES

- **Case Study Based Questions** encourage students to apply the mathematical concepts to real life.
- **Assertion-Reasoning Type Questions** help develop logical and reasoning aptitude in students.

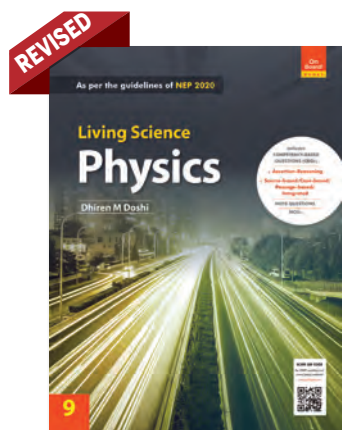
## SUPPORT AVAILABLE

- Teacher's Companion
- Worksheets

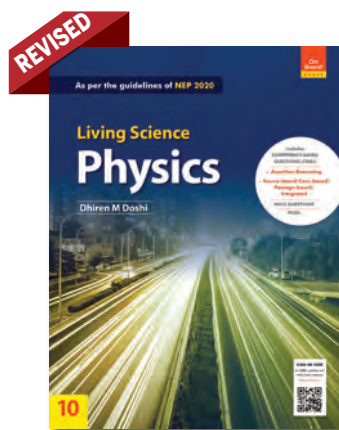
## LIVING SCIENCE Physics

for Classes 9 and 10

for CBSE and State Boards



Book 9: 978-93-90232-66-6



Book 10: 978-93-90232-67-3

ALSO AVAILABLE  
Living Science for  
Classes Primer, 1–8  
based on the  
NCERT syllabus

**LIVING SCIENCE PHYSICS BOOKS** for Classes 9 and 10 are meant for CBSE and State Boards and are based on the latest CBSE syllabus and the guidelines of NEP 2020.

## KEY NEP 2020 FEATURES

- Extensive Exercises include **MCQs, Competency-Based Questions, Short Answer Type-I and Type-II Questions, Long Answer Type Questions** and **HOTS Questions**.
- **Competency-Based Questions** comprise **Assertion-Reasoning** and **Source-Based/Case-Based/Passage-Based/Integrated Questions**.
- **Art Integration** helps in developing critical thinking and creativity for deeper understanding.

## ENRICHING FEATURES

- **Study Tips** highlight important points to remember about the concept.
- **Problem-Solving Strategies** provide an algorithm to solve problems by following a methodical approach.
- **Mind Map** summarises important concepts of a chapter in a concise way and makes complex issues easier to understand.

## SUPPORT AVAILABLE

- Teacher's Companion
- Worksheets
- Chapterwise Presentations
- Additional MCQs (Question Bank)
- Sample Question Papers

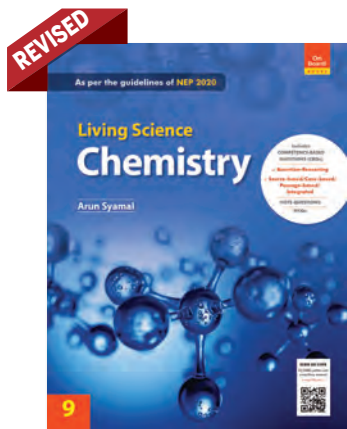




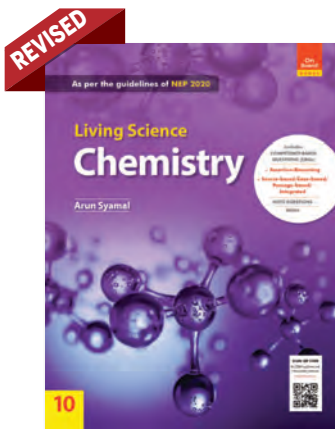
## LIVING SCIENCE Chemistry

for Classes 9 and 10

for CBSE and State Boards



Book 9: 978-93-90232-75-8



Book 10: 978-93-90232-74-1

ALSO AVAILABLE  
Living Science for  
Classes Primer, 1–8  
based on the  
NCERT syllabus

**LIVING SCIENCE CHEMISTRY BOOKS** for Classes 9 and 10 are meant for CBSE and State Boards and are based on the latest CBSE syllabus and the guidelines of NEP 2020.

## KEY NEP 2020 FEATURES

- Extensive exercises include **MCQs, Competency-Based Questions, Short Answer Type-I and Type-II Questions, Long Answer Type Questions** and **HOTS Questions**.
- **Competency-Based Questions** comprise **Assertion-Reasoning** and **Source-Based/Case-Based/Passage-Based/Integrated Questions**.
- **Art Integration** helps students apply art-based enquiry, critical thinking and creativity for deeper understanding of concepts.

## ENRICHING FEATURES

- Important points to remember about the concept are given in **Study Tips**.
- Additional interesting facts about the concept are given in the feature **Did You Know?**
- **Mind Map** summarises important concepts of a chapter in a concise form.

## SUPPORT AVAILABLE

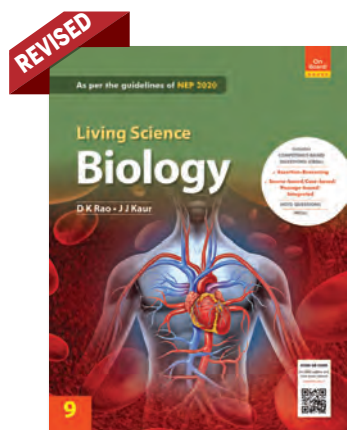
- Teacher's Companion
- Worksheets
- Chapterwise Presentations
- Additional MCQs (Question Bank)
- Sample Question Papers



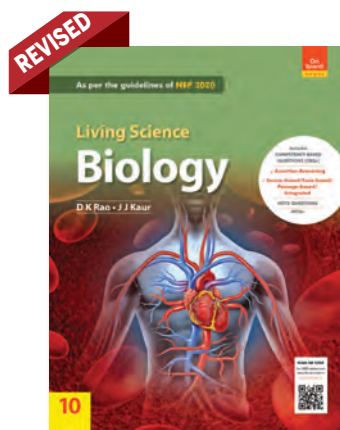
## LIVING SCIENCE Biology

for Classes 9 and 10

for CBSE and State Boards



Book 9: 978-93-90232-71-0



Book 10: 978-93-90232-70-3

ALSO AVAILABLE  
Living Science for  
Classes Primer, 1–8  
based on the  
NCERT syllabus

**LIVING SCIENCE BIOLOGY BOOKS** for Classes 9 and 10 are meant for CBSE and State Boards and are based on the latest CBSE syllabus and the guidelines of NEP 2020.

## KEY NEP 2020 FEATURES

- Extensive exercises include **MCQs, Competency-Based Questions, Short Answer Type-I and Type-II Questions, Long Answer Type Questions** and **HOTS Questions**.
- **Competency-Based Questions** comprise **Assertion-Reasoning** and **Source-Based/Case-Based/Passage-Based/Integrated Questions**.
- **Art Integration** helps students apply art-based enquiry, critical thinking and creativity for deeper understanding.

## ENRICHING FEATURES

- **Study Tips** include points to remember about the concept.
- **Did You Know?** Provides additional interesting facts about the concept.
- **Mind Map** summarises important concepts of a chapter in a concise form.

## SUPPORT AVAILABLE

- Teacher's Companion
- Worksheets
- Chapterwise Presentations
- Additional MCQs (Question Bank)
- Sample Question Papers



## LIVING SCIENCE LAB MANUAL

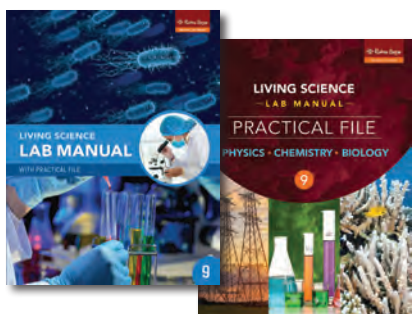
for Classes 9 and 10

## WITH PRACTICAL FILES

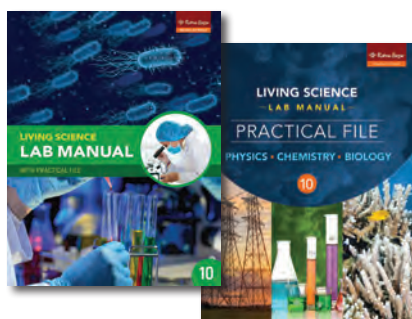
for CBSE and State Boards

**LIVING SCIENCE LAB MANUAL** for Classes 9 and 10 have been prepared as per the latest syllabus and guidelines issued by the CBSE and many other State Education Boards.

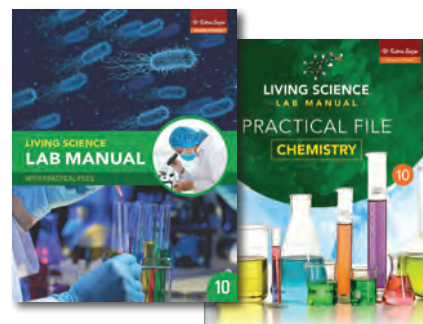
**COMBO EDITIONS  
(1+3) & (1+1)  
AVAILABLE.**



Book 9: 978-93-90430-71-0  
Book 9 (PF): 978-93-90633-04-3  
Book 9 (Combo): 978-93-90633-10-4



Book 10: 978-93-90430-72-7  
Book 10 (PF): 978-93-90633-05-0  
Book 10 (Combo): 978-93-90633-11-1



Book 9: 978-93-90737-49-9  
Book 10: 978-93-90737-50-5

## KEY FEATURES

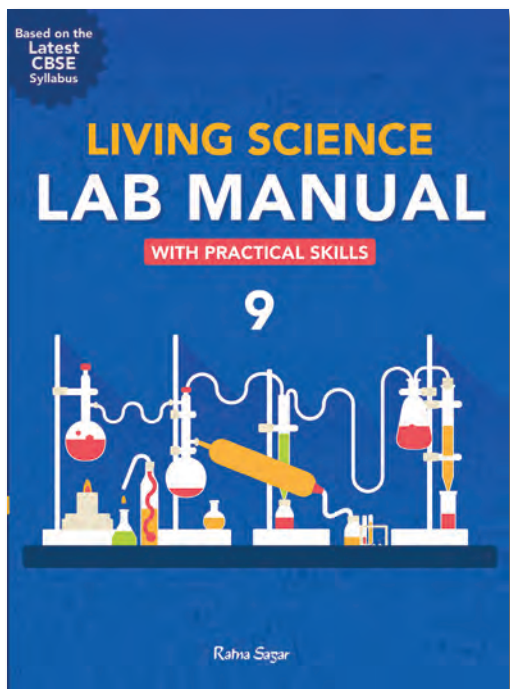
- Written in accordance with the latest CBSE syllabus and guidelines
- Simple and easy-to-read language to make the book user-friendly
- Step-by-step explanation of experiment procedures
- Correctly-drawn and well-labelled diagrams
- Necessary precautions for ensuring the safety of students and obtaining accurate results
- Variety of viva voce, multiple-choice questions and short answer questions that allow interactive discussion
- Notes for teachers and lab assistants
- Test papers for practice
- Combined practical file (Physics, Chemistry and Biology) as well as separate practical files for Physics, Chemistry and Biology are available for writing experiments



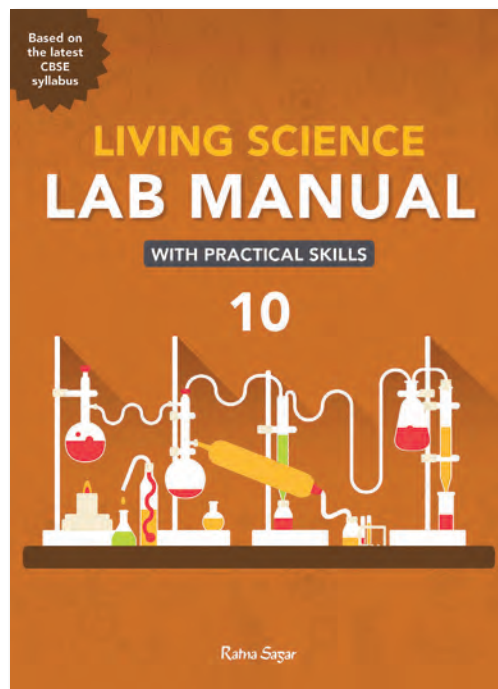
# LIVING SCIENCE LAB MANUAL

for Classes 9 and 10

for CBSE and State Boards



Book 9: 978-93-87208-98-8



Book 10: 978-93-87208-99-5

**LIVING SCIENCE LAB MANUAL** for Classes 9 and 10 have been prepared as per the latest syllabus and guidelines issued by the CBSE and many other State Education Boards.

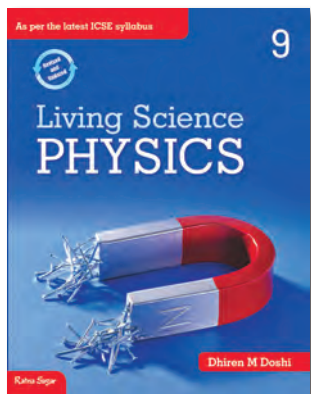
## KEY FEATURES

- Simple language and easy-to-read style to make the books user-friendly
- Step-by-step explanation of the experiment procedures
- Well-labelled and correctly-drawn diagrams
- Necessary precautions for personal safety of students and to obtain accurate results
- Variety of viva voce, multiple-choice questions and short answer questions that allow interactive discussion
- Notes for teachers and lab assistants
- Test papers for practice

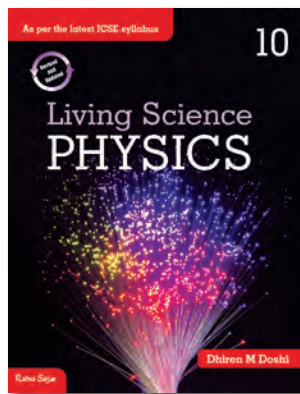
## LIVING SCIENCE Physics

for Classes 9 and 10

based on the latest ICSE syllabus



Book 9: 978-93-85976-05-6



Book 10: 978-93-85976-95-7

**ALSO AVAILABLE**  
Living Science for Classes  
6–8 based on the curriculum  
prescribed by the Council for  
the Indian School Certificate  
Examinations, New Delhi

**ICSE LIVING SCIENCE PHYSICS BOOKS** for Classes 9 and 10 are based on the latest ICSE syllabus and are enriched with several salient features. Various support materials are available with the books to make teaching-learning process more effective.

## KEY FEATURES

- **Detailed Contents** with topics and sub-topics are given in each book.
- **Syllabus** and **Scope** of the syllabus are given at the beginning of each chapter.
- **Updated text** with enriched content is present in each chapter.
- **Check your Progress** modelled after the ICSE questions are given at the end of each topic of a chapter.
- Enhanced and high quality **illustrations** complement the text for easy comprehension.
- Text contains various **tables** that give information in an easy-to-understand manner.
- Precise **Summary** is given at the end of each chapter which contains all the key concepts.
- **Exercises** are classified into objective, subjective and numerical questions. It also contains a number of solved and unsolved Board questions.
- **Formulae** and **SI Units** are given at the end of lesson for quick revision.
- Two **Model Test Papers** are given at the end of the book.
- Fully solved latest ICSE Examination Question Paper is given in Class 10.

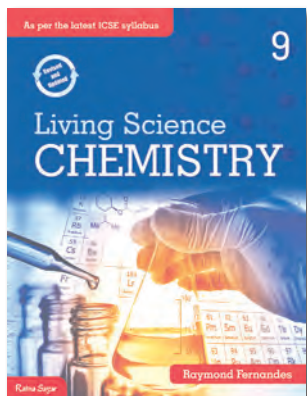
## SUPPORT AVAILABLE

- Teachers' Handbook
- Two worksheets with solution
- Chapterwise presentations
- Chapterwise MCQ (Question Bank)
- Additional numerical problems

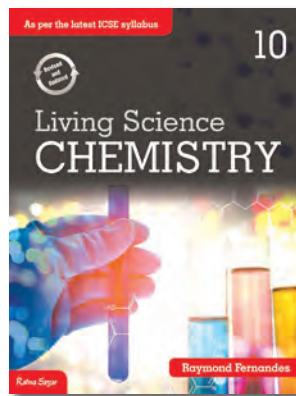
## LIVING SCIENCE Chemistry

for Classes 9 and 10

based on the latest ICSE syllabus



Book 9: 978-93-5036-157-3



Book 10: 978-93-86600-40-0

**ALSO AVAILABLE**  
Living Science for Classes  
6–8 based on the syllabus  
prescribed by the Council for  
the Indian School Certificate  
Examinations, New Delhi

**ICSE LIVING SCIENCE CHEMISTRY BOOKS** for Classes 9 and 10 are modelled after the latest ICSE syllabus. Many salient features in the books and support available with each book make them very effective and useful for students.

## KEY FEATURES

- The content of the books has been written in a simple and clear language.
- High quality **illustrations** make understanding of the concept easier.
- **Did You Know?** gives extra information about the concept which is interesting as well as useful.
- **Study Tip** gives important points to remember for easy recall.
- **Check Your Progress** given after each section in a chapter for assessment.
- Several **flow charts** in the chapters explain the concepts in a concise manner.
- **Summary** at the end of each chapter recapitulates important concepts taught in the chapter.
- **Exercises** give varied questions for practice and assessment.
- Previous years' ICSE questions are given for students to understand the exam pattern.
- Common names, chemical names and formulae of some common chemicals and relative atomic masses of some elements are given at the end of the book in **Appendices**.
- Latest solved ICSE question paper is also given.

## SUPPORT AVAILABLE

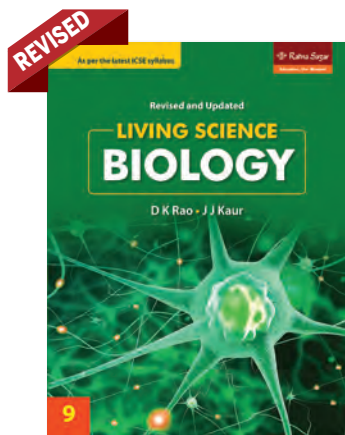
- Teacher's Handbook is available in soft copy.
- Two worksheets given for each chapter with solution in soft copy.
- Chapterwise presentations.



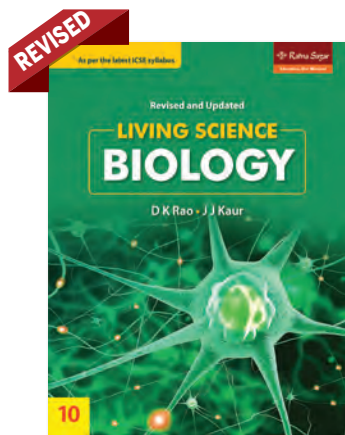
## LIVING SCIENCE Biology

for Classes 9 and 10

based on the latest ICSE syllabus



Book 9: 978-93-90430-01-7



Book 10: 978-93-90430-30-7

**ALSO AVAILABLE**  
Living Science for Classes  
6–8 based on the syllabus  
prescribed by the Council for  
the Indian School Certificate  
Examinations, New Delhi

**ICSE LIVING SCIENCE BIOLOGY BOOKS** for Classes 9 and 10 have been revised and updated as per the latest ICSE syllabus. These books cover all domains of conceptual learning. With new content, illustrations, tables and exercise questions these books are a must read for any student.

## SALIENT FEATURES

- Includes all the Key Concepts of the **new ICSE Syllabus**.
- Extensive Exercises include **MCQs, Very Short Answer Type Questions, Short Answer Type Questions, Long Answer Type Questions** and **Structured/Application/Skill Type Questions**.
- **Flow charts** explain important processes to help students memorize key concepts.
- **Tables** summarise complex information and serve as handy information tool.
- **Study Tips** highlight important points to remember about the concept.
- **Did You Know?** provides additional interesting facts about the concept.
- **Summary** lists main points of the text for revision and overview.

## SUPPORT AVAILABLE

- Teacher's Companion in soft copy
- Worksheets
- Chapterwise Presentations
- MCQs (Question Bank)

## E FOR ENVIRONMENT

for Classes 9 and 10



Book 9: 978-81-8332-772-5

Book 10: 978-81-8332-773-2

ALSO AVAILABLE  
Books 1–8

**E FOR ENVIRONMENT** is a series of books on Environmental Education developed jointly by Ratna Sagar and TERI (The Energy and Resources Institute), an organization working in the field of energy and resources.

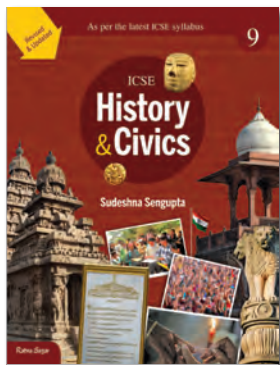
## KEY FEATURES

- **In This Chapter** lists the topics that are covered in a chapter.
- **Fact Byte** gives specific environmental facts.
- **News You Can Use** focuses on contemporary environmental issues.
- **Let's Revise** gives the summary of the chapter for easy recapitulation.
- **Green Links** lists websites which learners can visit for more information on the topics.
- **Earth's Friend** introduces the lives and works of known and unknown environmentalists who have contributed immensely to various environmental causes.

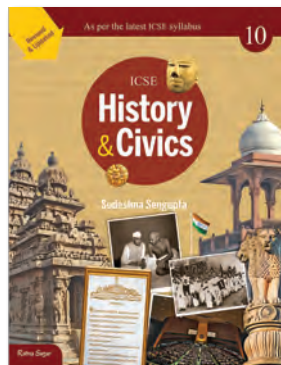
## ICSE HISTORY &amp; CIVICS

for Classes 9 and 10

based on the latest ICSE syllabus



Book 9: 978-93-85976-07-0



Book 10: 978-93-85976-92-6

**ALSO AVAILABLE**  
History & Civics for Classes  
6–8 based on the syllabus  
prescribed by the Council for  
the Indian School Certificate  
Examinations, New Delhi

**ICSE HISTORY AND CIVICS BOOKS** for Classes 9 and 10 is a series of two books written in strict conformity with the latest syllabus prescribed by the Council for the Indian School Certificate Examinations, New Delhi. The books are not just a simple narration of facts; rather there is an attempt to link political, economic, social and cultural factors that together caused events in history. In the Civics section, numerous examples from everyday life help bridge the gap between theory and practice.

## KEY FEATURES

- **Box items** contain important information.
- **Trivia!** Section provides interesting facts.
- **Section Review** is given in each chapter which contains in-text questions.
- **Tables** have been given in the chapter which help summarize complex information.
- **Flow charts** show the connection between different stages and make the concept easy to understand.
- **To Remember** acts as a quick recap tool.
- **Photo Study** section is based on the ICSE examination pattern of picture study questions.
- Questions from last 10 years' ICSE Papers provided for thorough revision.
- **Chronological Timeline** helps to remember important dates and events.
- **Art and Architecture Down the Ages** have been explained.
- Two **Model Test Papers** are given at the end of each book.
- **Latest ICSE Question Paper** has been solved for students to understand the kind of answers.

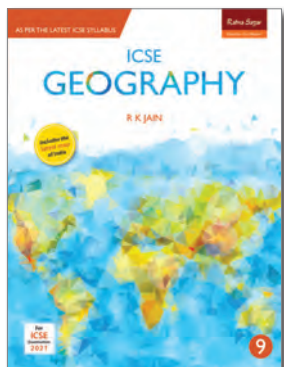
## SUPPORT AVAILABLE

- Teacher's Companion on CD
- Chapterwise Presentations

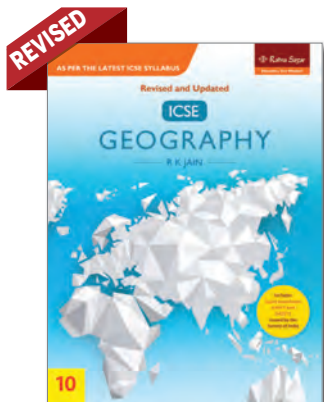
## ICSE GEOGRAPHY

for Classes 9 and 10

based on the latest ICSE syllabus



Book 9: 978-93-85976-06-3



Book 10: 978-93-91144-54-8

**ALSO AVAILABLE**  
Geography for Classes  
6–8 based on the syllabus  
prescribed by the Council for  
the Indian School Certificate  
Examinations, New Delhi

**ICSE GEOGRAPHY** is a series of two books for Classes 9 and 10, based on the latest syllabus for ICSE schools. They cover all aspects of the subject, such as practical geography, continents and water bodies, their physical features, climate, natural vegetation, resource utilization and life of the people with special emphasis on the environment. Large-sized maps make learning geography a hands-on experience as they take the learner on a virtual tour around the globe. The attractive photographs are colourful, authentic and enrich the text greatly.

### SALIENT FEATURES

- Includes all the Key Concepts of the **new ICSE syllabus**.
- **Extensive Exercises** based on Board Examination pattern to give students ample practice.
- **Latest Data, Information and Important Concepts** are highlighted in boxes for easy and quick reference.
- **Map Work** and **Projects** involve students in learning process.
- **Did You Know?** provides additional interesting facts.
- **At a Glance** gives important points in each chapter for easy recall.
- **Geo-Glossary** at the end of the book acquaints students with important geographical terms.
- Includes **Latest and Updated Toposheets** G43S7 and G43S10 issued by the Survey of India.

### SUPPORT AVAILABLE

- Teacher's Companion
- Additional MCQs for Class 10 (Question Bank)
- Sample Question Papers



## MAP PRACTICE History, Geography

for Classes IX and X

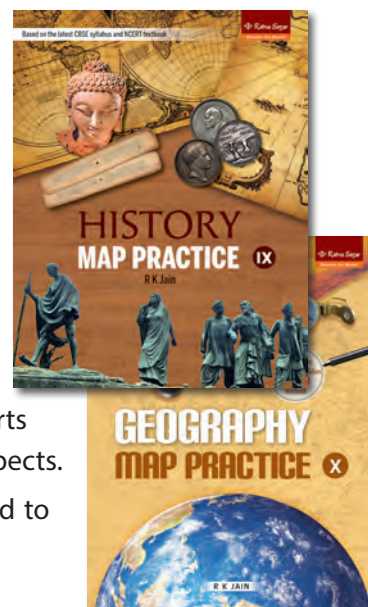
for CBSE and State Boards

**HISTORY, GEOGRAPHY MAP PRACTICE** for Classes IX and X is strictly based on the latest syllabus of CBSE and NCERT textbooks. These books also conform to the guidelines of the syllabi of the State Education Boards.

### KEY FEATURES

- The wide canvas of the series encompasses all the topics included in the History and Geography textbooks of Classes 9 and 10.
- The students are introduced to the study of modern India and other parts of the world. The maps provide information on various geographical aspects.
- The books aim at the inculcation of a scientific temper through skills and to develop an appreciation of national as well as human heritage.
- The maps are large in size and have been prepared using the latest cartographic techniques.

ALSO AVAILABLE  
Geography & History  
for Classes 6–8



HISTORY	GEOGRAPHY
Book 9: 978-93-52907-90-8	Book 9: 978-93-52907-92-2
Book 10: 978-93-52907-91-5	Book 10: 978-93-52907-93-9

## COMPUTER APPLICATIONS

WILEY

for Classes 9 and 10

for CBSE and State Boards (Code No. 165)

**COMPUTER APPLICATIONS** for Classes 9 and 10 have been prepared as per the latest syllabus and guidelines issued by the CBSE and many other State Education Boards.

### KEY FEATURES

- The **concepts** are explained in easy-to-understand style.
- The books follow a step-by-step approach, supplemented by **figures** and **callouts** to explain the concepts.
- **Summary** is given at the end of each chapter for quick review of concepts.
- A large number of **solved** and **unsolved questions** have been included.
- Chapter-wise **worksheets** are also available to reinforce the concepts learnt.
- **CD** contains interactive simulations for each chapter.
- **Informative poster** containing shortcut keys with description has been provided.



Book 9: 978-93-86052-06-3

ALSO AVAILABLE  
Instructor CD

## INFORMATION TECHNOLOGY

for Classes 9 and 10

for CBSE and State Boards (Code No. 402)

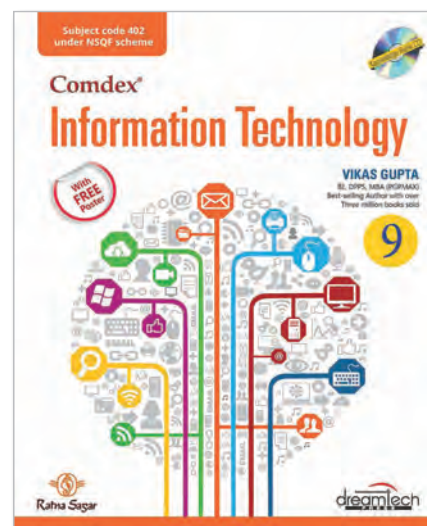
**INFORMATION TECHNOLOGY** for Classes 9 and 10 have been designed as per the latest CBSE syllabus of the vocational course information technology, coded 402 under NSQF scheme.

Subject code 402  
under NSQF scheme

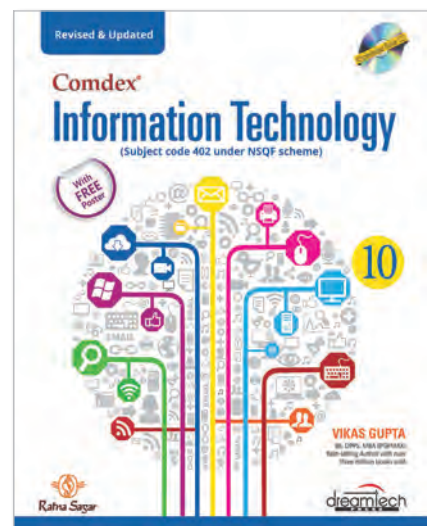
## KEY FEATURES

- Imparting **written** and **oral communication skills** among students
- Explaining IT concepts in a **simple language**
- Using a **step-by-step approach**, supplemented by figures and callouts to explain the concepts
- **Illustrations** and **real-life examples** to explain concepts
- Equipped with pedagogical elements such as:
  - Did You Know?
  - Quick Quiz
  - Definition
  - Guess Who?
  - Note
  - Assess Yourself
  - Additional Information
  - Activity
- **Summary** and **Key Terms** for quick review of concepts
- Practice questions include:
  - MCQs
  - Long Answer Questions
  - Very Short Answer Questions
  - HOTS
  - Short Answer Questions
  - Lab Activities
- Sample Question Paper
- Projects
- Solved NCO paper
- Applying the concepts and knowledge gained in the book in real-life projects.

ALSO AVAILABLE  
Instructor CD



Book 9: 978-93-89633-01-6



Book 10: 978-93-89633-79-5

Visit [www.onlineresources.in](http://www.onlineresources.in) for additional resources



# Ratna Sagar P. Ltd.

an ISO 9001:2015 and 14001:2015 company

Virat Bhavan, Commercial Complex, Mukherjee Nagar, Delhi 110009

PHONE: (011) 47038000 ♦ FAX: (011) 47038099 ♦ CIN: U74899DL 1986PTC023532

Showroom: 4808/24 Bharat Ram Road, Darya Ganj, New Delhi 110002

PHONE: (011) 43028000 ♦ rsagar@ratnasagar.com ♦ ratnasagar.com ♦ ratnasagar.co.in

## BRANCHES

CHENNAI	No 1 Gudan Street, Puliyurpuram, Kodambakkam, Chennai 600024, Tamil Nadu Phone: (044) 42208000 ♦ rsagar.chn@ratnasagar.com
LUCKNOW	A-1539, Indira Nagar, Lucknow 226016, Uttar Pradesh Phone: (0522) 4058000 ♦ rsagar.lko@ratnasagar.com

## OFFICES

BARHI	Plot No. 14-15, HSIDC Industrial Estate, Phase 3, Sector – 18, Barhi, Sonapat 131101, Haryana Phone: (0130) 3501000
BENGALURU	No. 116, 1st Floor, 1st Main Road, M.L.A. Layout, R.T. Nagar, Bengaluru 560032, Karnataka Phone: (080) 23637479 ♦ rsagar.blr@ratnasagar.com
BHOPAL	C-3, Rajv Gandhi Nagar, Ayodhya Bypass Road, Atal Bihari Vajpayee Sabji Mandi, Near St. Paul School, Bhopal 462022, Madhya Pradesh Phone: (0755) 2558770 ♦ rsagar.bhopal@ratnasagar.com
DEHRADUN	1/2, 11nd Floor, Above Hotel Invitation, Near Prince Chowk, Dehradun 248001, Uttarakhand Phone: 09105111344 ♦ rsagar.ddn@ratnasagar.com
GUWAHATI	Lake View Campus, Dighalipukhuri East, Tayyebullah Road, Guwahati 781001, Assam Phone: (0361) 2731762 / 2735610 ♦ rsagar.guw@ratnasagar.com
HYDERABAD	1-1-287/31/1, Bapu Nagar, Municipal Market Road, Chikkadpally, Hyderabad 500020, Telangana Phone: (040) 66611100 ♦ rsagar.hyd@ratnasagar.com
JAIPUR	Plot No. 1/559, Ground Floor, Chitrakoot Scheme, Vaishali Nagar, Jaipur 302021, Rajasthan Phone: (0141) 4010834 ♦ rsagar.jaipur@ratnasagar.com
JALANDHAR	374, Mota Singh Nagar, Near Bus Stand, Jalandhar City 144001, Punjab Phone: (0181) 4659009 ♦ rsagar.jal@ratnasagar.com
KOCHI	Door No. 33/86A, Pezhungal Building, M.A.Sajeevan Road, Edapally Toll, Edapally, Kochi 682024, Kerala Phone: (0484) 4055972 ♦ rsagar.kochi@ratnasagar.com
KOLKATA	60, Dr. Sundari Mohan Avenue, Kolkata 700014, West Bengal Phone: (033) 40238000 ♦ rsagar.kol@ratnasagar.com
MUMBAI	Plot No. 3, Asha Nagar, First Floor, Agarwal Bhawan, Opp. Shoppers' Stop, Chembur, Mumbai 400089, Maharashtra ♦ Phone: (022) 25256025, 25256005 ♦ rsagar.mumbai@ratnasagar.com
PATNA	110, Gandhi Path, Nehru Nagar, North S.K. Puri, Patna 800013, Bihar Phone: (0612) 2574273 ♦ rsagar.patna@ratnasagar.com