

CLASS 6

Name: _____

Class: _____

Division: _____



EXPERT BOOK

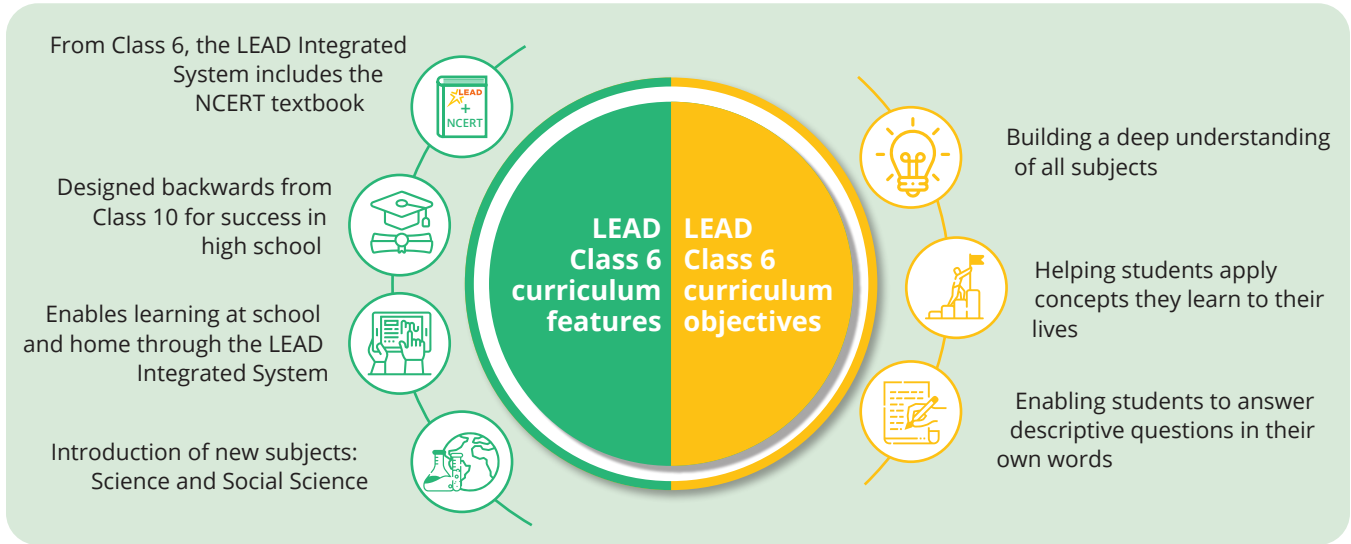
PART 1



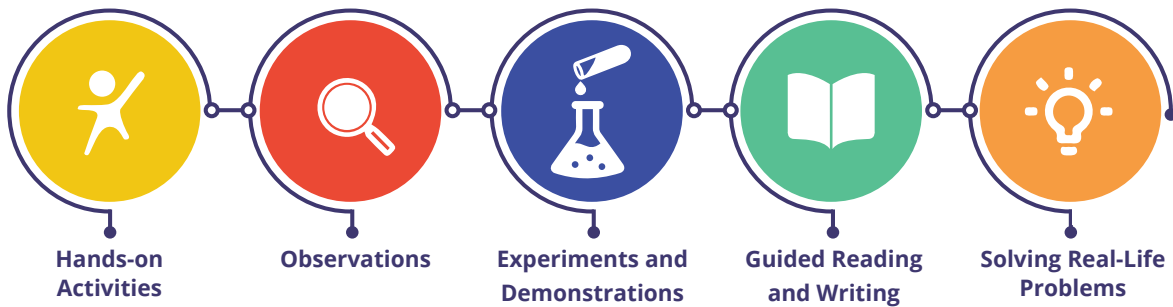
Head Office

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NOTE TO PARENTS

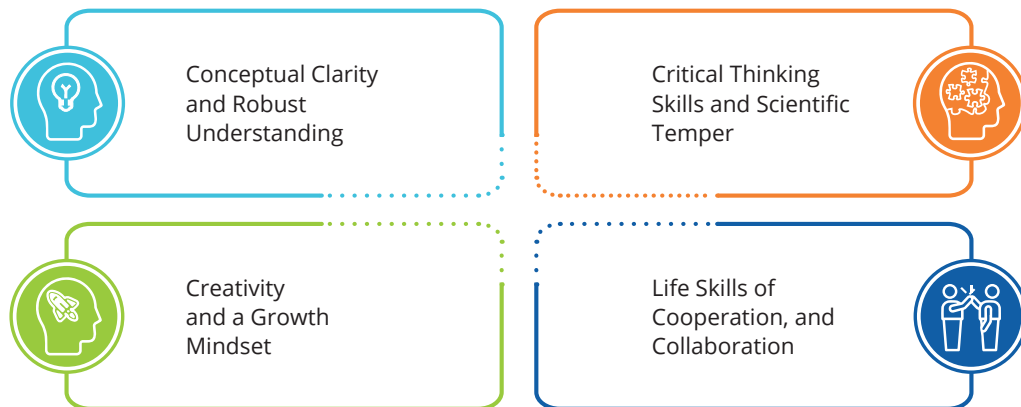


Children learn best when they can explore on their own and interact with everything around them. Keeping this in mind, LEAD Science Curriculum is designed to provide students with learning opportunities that will enable them to actively engage with the learning materials and connect the learning to life. Some of the ways in which students will learn science are:
















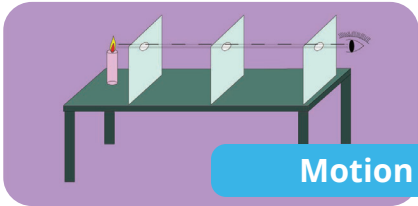
These classroom learning methods help students not only participate in the learning process actively but also achieve in-depth understanding of the concepts by doing or experiencing the lessons. This approach to learning is called Learning by Doing (LBD). Learning science through the LBD approach helps students develop strong subject knowledge and skills that they need to succeed in school as well as in life.

LBD Approach helps students develop the following skills




ANNUAL LEARNING PLAN

PART 1	Unit Name	Content Strand	NCERT Chapter
	Food and Its Components Teaches students about the variety of food, their sources, and the concept of a balanced diet.	Biology Unit 1	1, 2
	Plants and Characteristics of Living Organisms Covers the characteristics of plants and animals and how they survive in their habitat.	Biology Unit 2	7, 9
	Sorting, Separation, and Changes Teaches students about mixtures, their methods of separation, and the different types of changes.	Chemistry Unit 1	4, 5, 6
	Motion and Light Introduces students to the concepts of measurement, motion, and the phenomena related to light.	Physics Unit 1	10, 11
PART 2	Unit Name	Content Strand	NCERT Chapter
	Fibre to Fabric and Body Movements Covers the process of producing natural fabrics and the study of body structures that help animals move.	Biology Unit 3	3, 8
	Water, Air, and Garbage Develops an understanding of the impact of human activities on environment and ways to protect it.	Biology Unit 4	14, 15, 16
	Electricity and Magnetism Introduces students to the concepts of electricity and magnetism through investigations.	Physics Unit 2	12, 13

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 Physics	Unit 1  Motion and Light	82

This **EXPERT BOOK** should be used in addition to the NCERT textbook. It is designed to achieve the following three objectives:

1. To help students learn the concepts of the NCERT textbook by presenting them in an easy-to-understand form.
2. To provide students with additional information to aid conceptual understanding.
3. To ensure students get adequate practice through additional questions and enhance their learning through Higher Order questions. The  icon is used to indicate the Higher Order Thinking Skills (HOTS) questions.

The **EXPERT BOOK** must be used as advised by the teacher in class or for home practice.

Whenever students find the NCERT textbook difficult to understand, they can refer to the **EXPERT BOOK**. Students should also refer to it while preparing for assessments.