

SCIENCE

VISION

for the young scientist

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New Edition

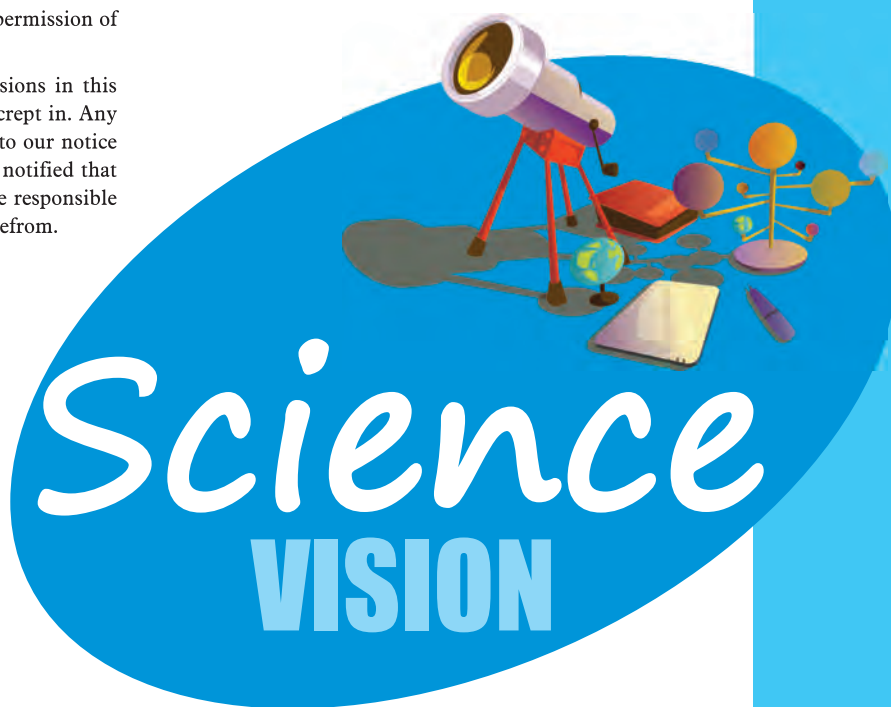
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Preface



Children have an innate curiosity to know and learn. **Science Vision**, a series of books on science from class 1 to 5, has been developed by focusing on efforts to activate this curiosity.

The series conforms to the National Curriculum Framework 2005 and integrates a multi-disciplinary approach. Efforts have been made to provide a solid footing in science to the students. Books 1 and 2 draw their attention to day-to-day occurrences and provide an all-encompassing knowledge of their immediate surroundings, so as to introduce them to the world of science. Book 3 to 5 move a grade further and provide to the students, a subtle yet measured amalgamation of various elements of different streams of science that await them in middle school. The books provide opportunities to the students for a spontaneous learning experience. The unique features of the series are as follows :

- ❖ **Focus On** contains the main objectives of the chapter.
- ❖ **Here We Go** provides warm up activities to students based on their knowledge, thinking and observation.
- ❖ Interactive activities under **Action Time** attempt to reinforce fundamental concepts taught in the lesson.
- ❖ **Everyday Science** encourage scientific investigation and research by drawing the students' attention to their immediate surroundings.
- ❖ **Fact Byte** presents interesting bits of information while **Eye Opener** satiates the longing for knowledge.
- ❖ **Picture Review** makes clear the meanings of important scientific terms in a visually-appealing way.
- ❖ **Have Some Fun** polishes information organising skills and better remembrance.
- ❖ **Tip for Teacher** is a nudge to the teacher to offer insights to the students about fundamental approach so as to underline the textual efforts.
- ❖ **It's Your Duty** is a subtle effort to instill important values and life skills.
- ❖ Clearly labelled and accurate diagrams help to explain scientific concepts.
- ❖ Term-I and Term-II test papers are completely in tune with NCF guidelines.
- ❖ **Flash On** is a recap of the salient points taught in the lesson.

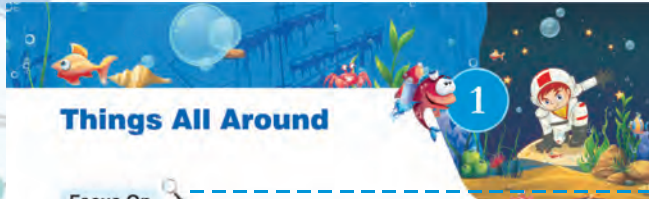
Welcome to the world of perfect teaching and learning.

—The Publisher

Salient Features

Tools for Comprehensive Teaching and Learning.

These tools make the learning of science a lovely experience.




Things All Around

Focus On

- Living Things
- Non-living Things
- Natural Things
- Man-made Things

▼ **Here We Go...**

Pictures of some things are given below. Tick (✓) the ones which eat food. Also write their names :



In this chapter, we will study about the differences between living and non-living things.

Tip for Teacher
Explain to the children the differences they can observe between living and non-living things in our surroundings.

Things All Around 7

Focus On contains the main objectives of the chapter.

Here We Go provides warm up activities to students based on their knowledge, thinking and observation.

Tip for Teacher is a nudge to the teacher to offer insights to the students about fundamental approach so as to underline the textual efforts.

Flash On is a recap of the salient points taught in the lesson.

Flash On

- * The day when sun shines brightly is a sunny day.
- * The day when it is very cold and sun does not shine is called a cold day.
- * The day when wind blows strongly is called a windy day.

Picture Review makes clear the meanings of important scientific terms in a visually appealing way.

Picture Review



Weather : It changes day to day, time to time.

It's Your Duty is a subtle effort to instill important values and life skills.

It's Your Duty!!

Take care of living things and non-living things. Do not spoil anything.

ACTION TIME 1

Pictures of some features of living things are given below. Observe them and write the features in the given space :



Interactive activities under **Action Time** attempt to reinforce fundamental concepts taught in the lesson.

EYE OPENER

Plants and trees do not move as they are fixed to the ground. Have you seen them eating, drinking or breathing?

Fact Byte

Living things cannot live without water and air.

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Fact Byte presents interesting bits of information while **Eye Opener** satiates the longing for knowledge.

Have Some Fun polishes information organizing skills and better remembrance.

Have Some Fun 2

Trees Name

Practice Time

- Draw one living thing that you see on your way to school.
- Make a collage of natural and man-made things.
- Now, count and write the number of given living things and non-living things :



Living things

Non-living things

Practice Time is a section of activity-based exercise for creating skills.

Interesting and exhausted worksheets for Term-I and Term-II

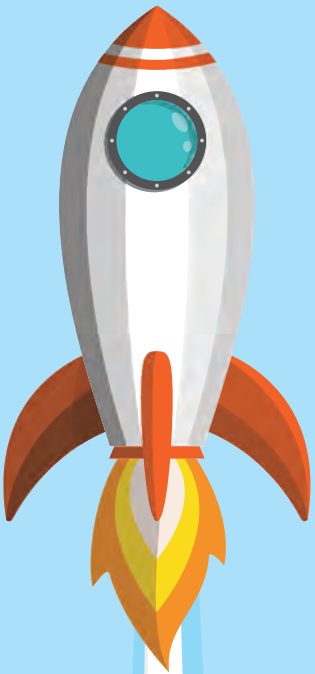
TERM II

A. Unscramble the letters to name the following :

1×10=10

- Daily eat SELGETABVE _____.
- Gives us eggs NHE _____.
- In summer, wear _____ clothes NOTOCT _____.
- Wear on a rainy day TORACANI _____.
- We take bath is OMABHTOR _____.

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