

# Published by:



#### **PETERSON PRESS**

(A unit of Naman Publishing (INDIA) Pvt. Ltd.) Behind Silver Line School, Laxmipuram, Rajpur Chungi, Agra

#### **New Edition**

#### © All rights reserved.

No part of this book may be reproduced or copied in any form or by any means (graphic, electronic or mechanical, including photocopying, recording, taping, or information retrieval system) or reproduced on any disc, tape, perforated media or other information storage device, etc., without the written permission of the publishers.

Every effort has been made to avoid errors or omissions in this publication. In spite of this, some errors might have crept in. Any mistake, error or discrepancy noted may be brought to our notice and it shall be taken care of in the next edition. It is notified that neither the publishers nor the author or seller will be responsible for any damage or loss of any kind, in any manner, therefrom.

#### Edited by:

Rakesh Sharma Lakshendra Garg

### Designed by:

**Kartik Computers** 

The contents, transparencies, illustrations and layout of this book are the sole property of NAMAN PUBLISHING (INDIA) PVT. LTD., Agra and are copyrighted. Any reproduction in whole or in part in any form what so ever is strictly prohibited.



# Preface





It really gives me immense pleasure to present the series **Science Vision** for classes 6-8, which will not only cater to the needs of teachers and students but also abnegate them from note learning. The main objective of these books is to provide children with a clear and logical presentation of the basic concepts and principles of Science and to show how these concepts and principles help in explaining the world around us.

Every basic concept has been explained in detail to make students understand the fundamentals of Science at an early stage of their lives and make the learning process interesting and joyful experience.

**Science Vision** conforms to the National Curriculum Frame Work and is planned and designed according to the NCERT Upper Primary Syllabus for Science and Technology.

## Salient features of this series are as follows:

- The chapters are organised into units.
- The language used is simple and can be easily understood by the students.
- Colourful and self explanatory illustrations make the book visually attractive.
- ❖ At the starting of every chapter, Introduction is given by which the students will able to understand the chapter.
- Several Activities within the chapters promote the practical aspect of learning through hands-on experience. These activities encourage children to ask questions and develop in them the quality of paying attention to the world around them.
- The Interesting Facts within the chapters provide extra interesting information on various topics.
- Discover inculcates the longing for knowledge.
- Key Words help to know the meaning of important terms and concepts.
- Some Important Points given at the end of every chapter to summaries the chapter and help the students to reinforce what they learn.
- Comprehension text are given at the end of each chapter.
- Project Work is an interesting way to learn through scrapbook, drawing and colouring activities.
- The Test Papers and Model Papers help the students to review and revise the knowledge what they gain.

From our better readers, we always welcome suggestions to make our books better.

—Author

# Contents



1.	Food : Where Does it Come From?	5
2.	Components of Food	16
3.	Fibre to Fabric	33
4.	Sorting Materials into Groups	44
5.	Separation of Substances	56
6.	Changes Around Us	69
<b>7.</b>	Getting to Know Plants	80
8.	Body Movement	94
9.	The Living Organisms and their Surroundings	106
LO.	Motion and Measurement of Distances	120
L1.	Light, Shadows and Reflections	132
L2.	Electricity and Circuits	144
L3.	Fun with Magnets	157
L4.	Water	166
L5.	Air Around Us	178
<b>L6.</b>	Garbage In Garbage Out	188
*	Model Paper-1	197
*	Model Paper-2	199