



GOVERNMENT OF TAMIL NADU

STANDARD EIGHT

SCIENCE

A publication under Free Textbook Programme of Government of Tamil Nadu

Department of School Education

Untouchability is Inhuman and a Crime

Government of Tamil Nadu

First Edition - 2019

Revised Edition - 2020, 2022

(Published under New Syllabus)

NOT FOR SALE

Content Creation



State Council of Educational
Research and Training
© SCERT 2019

Printing & Publishing



Tamil Nadu Textbook and
Educational Services Corporation
www.textbooksonline.tn.nic.in

Table of Contents

| Unit | Title | Page No | Month |
|------|------------------------------------|---------|-----------|
| 1 | Measurement | 1 | June |
| 2 | Force and Pressure | 12 | July |
| 3 | Light | 22 | August |
| 4 | Heat | 35 | September |
| 5 | Electricity | 46 | October |
| 6 | Sound | 60 | November |
| 7 | Magnetism | 72 | January |
| 8 | Universe and Space Science | 83 | February |
| 9 | Matter around us | 94 | June |
| 10 | Changes around us | 104 | July |
| 11 | Air | 114 | August |
| 12 | Atomic Structure | 124 | October |
| 13 | Water | 139 | November |
| 14 | Acids and Bases | 155 | December |
| 15 | Chemistry in Everyday Life | 166 | January |
| 16 | Microorganisms | 180 | June |
| 17 | Plant Kingdom | 192 | July |
| 18 | Organisation of Life | 205 | August |
| 19 | Movements in Animals | 218 | October |
| 20 | Reaching the Age of Adolescence | 232 | November |
| 21 | Crop Production and Management | 244 | January |
| 22 | Conservation of Plants and Animals | 260 | February |
| 23 | Libre Office Calc | 276 | February |
| | Glossary | 282 | |



E - book



Assessment



PREFACE

This book is developed in a holistic approach which inculcates comprehending and analytical skills. It will be helpful for the students to understand higher secondary science in a better way and to prepare for competitive exams in future. This textbook is designed in a learner centric way to trigger the thought process of students through activities and to make them excel in learning science.

- This Science Textbook for eighth standard has 23 units.
- Each unit has simple activities that can be demonstrated by the teacher and also few group activities for the students to do under the guidance of the teacher.
- Infographics and info-bits are added to enrich the learner's scientific perception.
- The 'Do you know?' and 'More to know' placed in the units will be an eye opener.
- Glossary has been introduced to learn scientific terms.
- ICT corner and QR code are introduced in each unit for the digital native generation.

HOW TO USE THE BOOK

