Contents

Mathematics	• Sound 9–11
Rational Numbers 3–5	 Chemical Effects of Electric
	Current 12–13
Linear Equations in One	 Some Natural Phenomena 14–16
Variable 6–10	• Light 17–20
Understanding Quadrilaterals 11–13	• Stars and the Solar System 21–24
 Practical Geometry	Chemistry
Squares and Square Roots 19–25	Synthetic Fibres and Plastics 25–26
• Cubes and Cube Roots 26–30	Materials : Metal and
• Comparing Quantities 31–34	Non-Metals 27–29
 Algebraic Expressions and 	• Coal and Petroleum 30–32
Identities	• Combustion and Flame 33–36
• Visualising Solid Shapes 39–40	• Pollution of Air and Water 37–38
• Mensuration 41–47	Biology
• Exponents and Powers 48–53	Food Production and
• Direct and Inverse Proportions 54–58	Management 39-42
• Factorisation 59–65	Micro-Organisms : Friend
• Introduction to Graphs 66–69	and Foe
• Playing with Numbers 70–71	 Conservation of Plants and
	Animals 46–47
Science	• Cell: Structure and Functions 48–50
Physics	• Reproduction in Animals 51–53
• Force and Pressure 3–6	Reaching the Age of
• Friction 7–8	Adolescence 54–56