

# GENERAL SCIENCE FORM 2

## Exploring Science 8

Topic	Unit number	Pages
<b>FIRST TERM</b>		
<b>1. Food and digestion</b>	<b>8A</b>	<b>4-15</b>
a) Diet	8Aa	
b) Balanced diet	8Ab	
c) The digestive tract	8Ac	
d) Digestion	8Ad	
e) Absorption	8Ae	
<b>2. Atoms and elements</b>	<b>8E</b>	<b>54-66</b>
a) Atoms & Elements	8Ea	
b) The Periodic Table	8Eb	
c) Metals & Non Metals	8Ec	
d) Compounds	8Ed	
e) Chemical Equations	8Ee	
<b>3. Heating and cooling</b>	<b>8I</b>	<b>104-114</b>
a) Heat and temperature	8Ia	
b) Conduction	8Ib	
c) Convection, radiation	8Ic	
d) Insulation	8Id	
e) State of Matter	8Ie	
<b>4. Ecological Relationships</b>	<b>8D</b>	<b>40-48</b>
a) The Environment	8Da, 8Db	
b) Classification of Organisms	8Da	
c) Photosynthesis	8Da	
d) Different Environments	8Dc	
4) Population	8Dd	

Topic	Unit number	Pages
<b>SECOND TERM</b>		
<b>5. Respiration</b>	<b>8B</b>	<b>16-25</b>
a) Production of Energy	8Ba	
b) Circulation	8Bb	
c) Aerobic / Anaerobic respiration	8Bc	
d) Breathing	8Bd	

<b>6. Light</b>	<b>8K</b>	<b>128-139</b>
a) Light energy	8Ka	
b) Transparent, Translucent and opaque	8Kb	
c) Eyes and Cameras	8Kb	
d) Reflection and Refraction	8Kc,d	
e) White light	8Ke	

<b>7. Microbes and Disease</b>	<b>8C</b>	<b>28-39</b>
a) Different Microbes	8Ca	
b) Use of microbes	8Cb	
c) Diseases by Microbes	8Cc	
d) Stopping the Spread, The Immune System	8Cd	
e) Immunization and antibiotics	8Ce	
f) HIV and AIDS	8Ce	

<b>Topic</b>	<b>Unit number</b>	<b>Pages</b>
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**THIRD TERM**

<b>8. Sound Energy</b>	<b>8L</b>	<b>140-151</b>
a) Sound, Intensity, Pitch	8La	
b) Sound waves, frequency, amplitude	8Lb	
c) Medium for sound	8Lc	
d) Ear	8Ld	
e) Sound Intensity, Sound Reflection and Ultrasound	8Le	

**Assessment scheme:**

<b>When</b>	<b>Criteria</b>	<b>Marks</b>
November Test	Class test	50
November Assessment	Class work, homework, attitude, behaviour & participation in class	10
Mid-Year Exam	Exam	100
Mid-Year Assessment	Class work, homework, attitude, behaviour & participation in class	20
Annual Exam	Exam	100
Annual Assessment	Class work, homework, attitude, behaviour & participation in class	20