

SCIENCE

SAMPLE BOOK





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GRADE-3





















Experiential Experimental Edutaining



I AM PROGRESSING

(Tick mark the columns after achieving the Learning Milestones)



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SCIENCE

SAMPLE THEORY

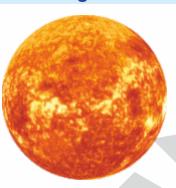
CHAPTER

LIGHT, SOUND & FORCE

Light

Light is a form of energy which excites our sense of sight.

The stars are natural sources of light.



The Sun is the most important source of light.

Speed of light is 3 x 10⁸ m/s.

Luminous & Non-Luminous Objects

Luminous Objects

The objects which emit their own light are called "luminous objects".

Examples:



Star





Non-Luminous Objects

The objects which do not emit their own light are called "non-luminous objects".

Examples:



Moon







Plant

Parachute

Opaque, Translucent & Transparent objects



Opaque objects don't let the light to pass through them & reflect all of it.

Translucent

Translucent objects blur the light that passes through them & reflect it partially.

Transparent

Transparent objects allow almost all light to pass through them & don't reflect it.



Grade-3 | Light, Sound & Force





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SAMPLE EXERCISE



GRADE-3 Light, Sound & Force



Directions: Solve the following multiple choice questions by choosing the most appropriate option.

1.	I he standard unit of sound is						
	(1) newton	(2) decibel	(3) kelvin	(4) metre			
2.	Mehar's brother visits muscles to carry out th	<u> </u>	n his fat. Which of the fo	llowing forces are being applied by his			
	(1) Muscular force		(2) Magnetic force				
	(3) Gravitational force		(4) Both (2) and (3)				
3.	A magnet will attract which of the following materials?						
	(1)	(2)	(3)	(4)			
4.	The trolley bags that force.	t we use while trav	relling are easy to car	ry because the wheels minimize the			
	(1) gravitational force		(2) frictional force				
	(3) magnetic force		(4) All of the above				
5.	An apple always drops	down on the ground b	ecause of the of	the Earth.			
	(1) beauty		(2) water				
	(3) gravity		(4) purity				
6.	Manoj made the follow is an INCORRECT pair? (1) Female voice, Whist (2) Male voice, Cuckook	le	of the similarity in the pi	tch of the sound. Which of the following			



(3) Drum, Frog

(4) School bell, Fireworks

