



Student's Name: _____ Class: 2/Section: _____ Date: _____

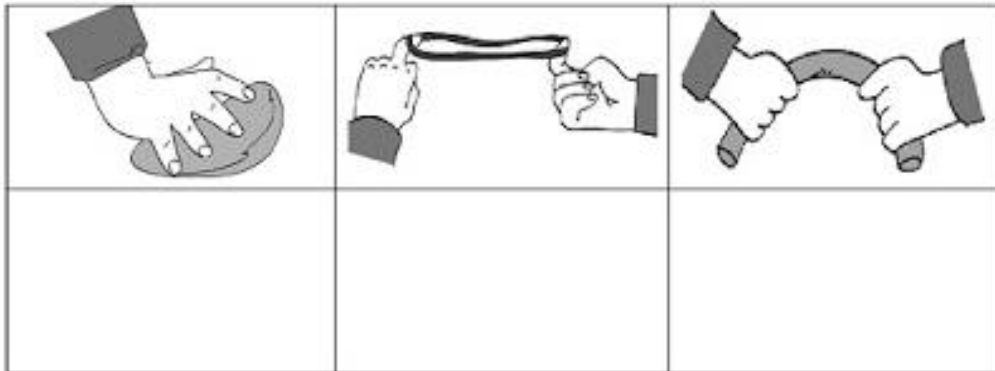
Self-Study Plan Day I

Topic: Materials

Q1. Learn the spellings of following words:

1. squash	2. squeeze
3. bend	4. natural
5. artificial	6. reversible
7. irreversible	8. soluble
9. insoluble	10. push
11. pull	12. nocturnal

Q2. Which force is applied? (Stretch , Squeeze , Bend)



Q3. Choose the correct answer:

1. Which of the given building materials have been made by people.
(glass / wood)
2. _____ are tiny grains of rocks. (stones / sand)
3. The red liquid coming out from a volcano is called _____.
(magma / lava)



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Self-Study Plan Day 2 - Topic: Materials

Q1. Classify the following into natural and man-made materials.

plastic, metal, wood, glass, bamboo, stones					
Natural Materials			Man-Made Materials		

Q2. Match the following. (Watch the given videos for reference)

Reversible Change: https://www.youtube.com/watch?v=_NOXmIIXTvk

Irreversible Change: <https://www.youtube.com/watch?v=QrlwFlkKbyw>

Reversible Change	The materials which do not dissolve in water
Rubber	The changes in which we get a new material.
Insoluble Materials	The changes in which we get no new material.
Irreversible Change	We get from trees

Q3. Mark "T" for True and "F" for False.

- Concrete is a natural material. ()
- Wood is a natural materials. ()
- By heating we cannot change the shape of materials. ()
- States of few materials can be changed by freezing. ()
- Materials that can be dissolved in water are soluble materials. ()




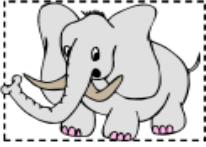






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Self-Study Plan Day 3 - Nocturnal Animals

Q1. Sort the following accordingly.

bat	elephant	eagle	raccoon
			
			
wolf	monkey	mouse	giraffe

Nocturnal (These animals love the Moon)	Diurnal (These animals love the Sun)

Q2. Word search.

S	G	N	T	M	T	T	R	B	S	G	J
V	E	S	E	K	A	N	S	K	L	I	M
R	Z	N	Y	S	B	X	W	Q	B	B	M
F	A	T	I	A	K	A	W	A	Q	M	X
O	Y	C	T	P	H	N	D	N	B	N	V
X	W	S	C	T	U	G	U	L	T	D	M
E	W	L	H	O	E	C	R	K	D	R	D
S	J	G	S	R	O	X	R	N	S	Q	Y
R	I	R	S	R	D	N	P	O	D	T	R
N	M	M	L	R	B	P	S	J	P	L	N

- FOXES
- OWLS
- NIGHTHAWKS
- SKUNKS
- BATS
- PORCUPINES
- BADGERS
- MILK SNAKES
- RACCOONS



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Self-Study Plan Day 4 - Sources of Light

Q1. Read the given information.

Shadows and Reflection

WHAT IS LIGHT?

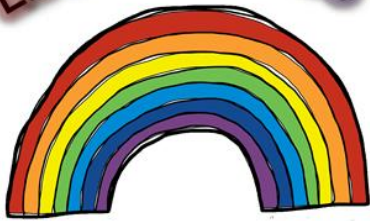


Light is a form of energy that allows us to see the world around us.

The main source of light on Earth is the Sun.



LIGHT WAVES



All sources of light make light waves. Light waves are rays, or beams of energy, that our eyes see as the color of the rainbow.

When light hits matter, the matter reflects some of the energy in the light waves. A mirror reflects.

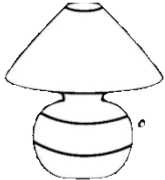
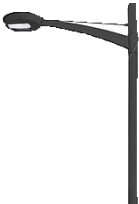

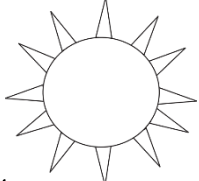



REFLECTION



SHADOWS

When light hits an object, the object blocks the light. Blocking the light makes a dark area behind the object called a shadow.

Q1. Match the correct source of light.

Uses	Sources of Light
To see better when driving at night	Lamp 
To light our homes	Street light 
To warm the Earth and give us light	Flash light 
To see when the power is out	Sun 
To decorate or to see when power is out	Candle 
To see when the power is out or to smell good	Lanterns 
To cook or to warm when its cold	Fire 



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Self-Study Plan Day 5– Forces Around Us

<https://www.youtube.com/watch?v=ITObnVWercsA>

Q1. Complete the statement by writing Push or Pull.

- _____ is when you are using force to move an object TOWARDS you.
- _____ is when you are using force to move an object AWAY from you.

Q2. Determine whether would PUSH or PULL each object by writing the correct word on the line:

- i. Shopping cart _____
- ii. Wagon _____
- iii. Soccer ball _____
- iv. Skateboard _____
- v. Kite _____
- vi. Dog on a leash _____
- vii. Baby stroller _____
- viii. Hammering a nail into the wall _____
- ix. Switch _____
- x. Monitor Button _____