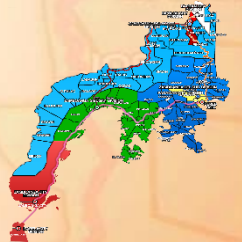




3



Zest for Progress
 Zeal of Partnership

SCIENCE

Quarter 3 - Module 3

Force and Motion



Name of Learner: _____

Grade & Section: _____

Name of School: _____

- JANUARY
Mahugihon
- FEBRUARY
Mahigugmaon
- MARCH
Matinabangon
- APRIL
Matinahuron
- MAY
Mahapsay og Malimpyo
- JUNE
Maabtik og Masunod sa Oksaklong Oras
- JULY
Maantigo og Maabilidadad
- AUGUST
Maginhambuhayon para sa Uban
- SEPTEMBER
Maduginoton
- OCTOBER
Matinud-anon
- NOVEMBER
Masaligan
- DECEMBER
Maalampon

Science – Grade III
Support Material for Independent Learning Engagement (SMILE)
Quarter 3 – Module 3: Describing the Materials/Persons in Different Position on How They Move
First Edition, 2021

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Lesson

3

Describing the Materials/Persons in Different Position on How They Move



What I Need to Know

The objective of this lesson is to describe the materials that exert force/motion with different characteristics in movement such as, fast or slow, push or pull, stretched or compressed in a particular object and position of a person.

After going through this module you are expected to:

1. Describe the position of a person or an object in relation to a reference point such as chair, door, and another person.

MELC: Week 1-3 S3LT- III a-b-1

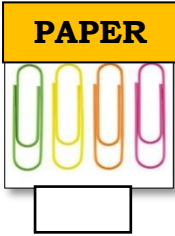

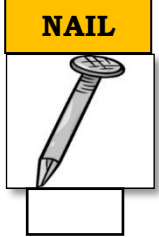
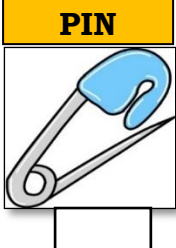



What's In

In your previous lesson you learned about how to describe the Location of the materials/ things using Magnetic Force.

Activity 1:

Directions: Identify the materials / objects that can be pulled using a magnetic force. Put a check (✓) in the box below the picture. Mark X if not.

1.		2.		3.	
4.		5.			



What's New

Activity 1- Describe the movement of a material based on how they move.

FAST/ SLOW

Direction: Fill up the column based on your observations. Put a check (✓) on it.

CHARACTERISTICS OF THE MATERIAL		
Name of materials	Fast	Slow
1. a boy pushing his toy car		
2. boy pushing a marble		
3. a girl pulling a heavy cart		
4. boy shooting a ball		
5. a boy erasing a paper		
6. mother spraying a plant		
7. baby pushing a chair		
8. lady combing her hair		

Activity 2- Describe the Material That Can Be Stretched or Compressed

Stretched / Compressed

What you need: **(Materials)**

rubberband pillow balloon cotton paper slippers tissue garter

What to do: **(Procedure)**

1. Describe the characteristics of each material whether they can be stretched or compressed.
2. Exert a force on each material one at a time by pushing, stretching and compressing it.
3. Observe and record all your observations.



Direction: Put a check on the column based on your observations.

CHARACTERISTICS OF MATERIALS		
NAME OF MATERIALS	STRETCHED	COMPRESSED
1. rubber band		
2. balloon		
3. pillow		
4. garter		
5. aluminum foil		
6. cotton		
7. paper		
8. bubble gum		



What is it

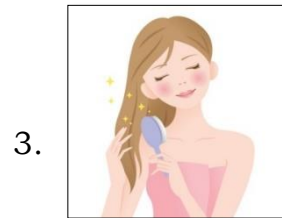
- **Force** - a strength or energy exerted or cause of motion.
It is a pushing or pulling of an object.
 - There are different characteristics on the position of the object based on its movement.
 - The materials can be described as fast-slow, push-pull, stretched-compressed based on the position after exerting a force.
- **FAST** - able to move rapidly.
- **SLOW** - not able to move quickly
- **PUSH** - to move forward, downward, outward
- **PULL** - to hold back, to work by drawing back strongly.
- **STRETCHED** - to make wider or longer by pulling it
- **COMPRESSED** - to pressed together; reduced in size or volume (as by pressure)



What's More

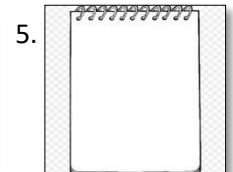
Activity 1

Directions: Look at the following pictures below. Describe the position / movement of each picture. Write the word **FAST** or **SLOW** on the blank.



Activity 2

Directions: Look at the following pictures. Write the word stretched or compressed on the blank below.





What I Have Learned

Direction: Read and analyze each item carefully. Choose the letter of the correct answer.

- _____ 1. What is a force? It is a _____.
- A. very loud noise
 - B. push or pull upon an object
 - C. rubbing of hands and produce heat
 - D. motion

- _____ 2. A woman pushes the shopping cart.
The cart rolls forward.

What kind of force did she use in moving the cart?

- A. push B. pull C. stretch D. compress

- _____ 3. How will you make the toy car move faster? A toy car moves faster by _____.

- A. pushing it with a greater force C. pulling it
- B. pushing it with a lesser force D. lifting it

- _____ 4. When can you say a rubber band looks longer in its length?
Rubber band looks longer when you _____ it.

- A. stretch B. compress C. hold D. touch

- _____ 5. How will the aluminum foil looks shorter in size?

Aluminum foil looks shorter when you _____ it.

- A. stretch B. compress C. touch D. pull



What I can do

Activity 1

List at least 5 materials / objects needed in the chart below.

Materials that move fast	Materials that move slow
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.

Activity 2

Draw at least 3 materials needed in the box below.

Materials that can be stretched	Materials that can be compress



Assessment

Direction: Encircle the letter of the correct answer

- Which of the following materials move faster after pushing it?
 - ballpen
 - chair
 - table
 - toy car
- Which of the following material can be stretched when a force is exerted on it?
 - ball pen
 - cotton
 - paper
 - rubber band
- What will happen to an aluminum foil when you compressed it? It will become _____.
 - smaller in size
 - bigger in size
 - longer size
 - shorter size
- Why does a cart move faster than a table after pushing it? A _____ force is exerted on it.
 - Greater
 - lesser
 - balanced
 - unequal
- What is called as push or pull?
 - Force
 - Friction
 - Matter
 - Motion



Additional Activities

Direction: Describe the materials according to its characteristics. Put a check on the chart based on your observations.

CHARACTERISTICS OF MATERIALS				
Name of Material	FAST	SLOW	STRETCHED	CIMORESS
1. garter				
2. marble				
3. pillow				
4. balloon				
5. wheel				

Answer Key

<u>What's In</u>	<u>What's New</u>	<u>Answers in question of observation</u>
1. ✓	Activity 1	FAST
2. ✓	6. FAST	1. stretched
3. ✓	7. FAST	2. stretched
4. ✓	8. SLOW	3. stretched
5. ✗	9. FAST	4. stretched
	10. SLOW	5. compress
	11. SLOW	6. compress
	12. SLOW	7. compress
	13. SLOW	8. compress
		SLOW
		A Boy erasing a paper.
		Mother spraying a plant.
		Baby pushing a chair.
		Lady combing her hair.

