Name:_____ Grade 1- _____

Science I/Quarter 3/Week 1

TELL HOW FORCE MAKES OBJECTS MOVE/CAUSE CHANGE IN MOTION

This Learning Activity Sheet is about force and how it can cause or change motion. After going through LAS, you are expected to tell what force can do and its relation to movements.

FORCE

Throw a ball up in the air. What happens to the ball? In what direction does it  **go?**





When you throw a ball up in the air, you apply force on the ball. You push it so that it goes up. After some time, the ball will go down. The force of gravity pulls it down.

Force is a push or pull. It makes an object change position or motion. When you apply force, the object may move away from you or toward you. If it is at rest, it may start moving. If it is moving, it may stop moving. It may move faster or more slowly.



Push a table forward. Is there a change in position? When you push an object, it moves away from you.

Pull a sled toward you. What happens? When you pull an object, it moves toward you.



Force results in different kinds of movement. When you pedal, the wheels of your bike move round and round. When you push a swing, it moves back and forth.

Do you play with a yo-yo? What kinds of movement it shows? It is doing an up and down motion.



wheels move round and round

LIVEWORKSHEETS



swing moves back and forth



playing yo-yo moves up and down

BUILD UP: PERFORMANCE TASK #1

Find out: What kinds of movement can objects found at home do?

Make a Guess:_____

_____

You will need: pencil, observation sheet

Do these:

- ✓ **Look for objects that can show different kinds of movement.**
- ✓ **List them down in the chart below. Be ready to demonstrate each movement to your classmates during our online class.**

What have you found?

OBJECT	MOVEMENT
Clock	Hands move slowly around the face of the clock
Electric fan	
Toy car	
Hammock (duyan)	

What have you learned?

I have learned

that_____

_____

_____

_____

_____

_____

_____

LIVEWORKSHEETS

I. Direction: What kind of force is applied in each situation? Write push or pull on the blank.



Plowing the field

1. _____



Man with a pushcart

2._____



Tug of war

3._____



Opening the door

4._____



Girl with a trolley bag

5._____



Horse with a carriage

6._____



Throw the ball

7._____



8._____

LIVEWORKSHEETS

II. Direction: Unscramble the letters in the parentheses to find the answer.

1. Moving an object away from you.	**S H P U** ------ ------- ------- -------
2. Moving an object toward you.	**L U L P** ------ ------- ------ ------
3. A push or pull	**E C R F O** ------ ----- ----- ------ ------
4. Any movement or change in position.	**M T O O I N** ----- ----- ----- ----- ----- -----

LIVEWORKSHEETS