



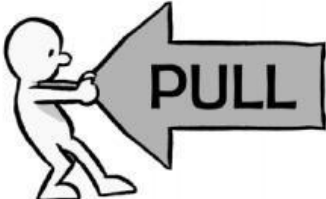
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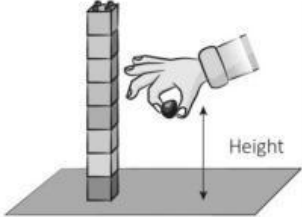
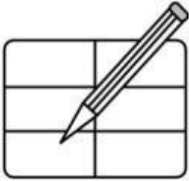
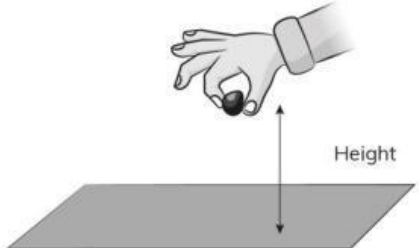
Date: _____

Class: _____

A. VOCABULARY

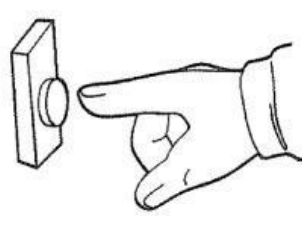
Write the missing words.

away  A push is a force _____ from you.	towards  A pull is a force _____ you.	objects  Things you can see or touch are called _____.
change shape  Forces can make some objects _____.	stretch  Some objects will _____ when pulled.	squash  Some objects will _____ when pushed.
change direction  Forces can make moving things _____.	speed up  Forces can make things _____.	slow down  Forces can make things _____.

investigation  The boys are doing an _____.	measure  We can use bricks to _____.	record  We can write or draw to _____.								
results  We measure or observe to get _____.	table  We can write results in a _____.	patterns <table border="1" data-bbox="1091 703 1453 801"> <tbody> <tr> <td></td> <td>2</td> </tr> <tr> <td></td> <td>4</td> </tr> <tr> <td></td> <td>6</td> </tr> <tr> <td></td> <td>8</td> </tr> </tbody> </table> We can look for _____ in results.		2		4		6		8
	2									
	4									
	6									
	8									
diagram  We can show what happened by drawing a _____.		height  We can measure _____.								

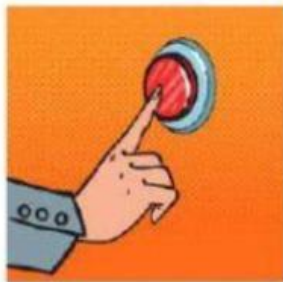
B. PRACTICE

Part 1. Are these pictures in the right place? Put a tick (✓) or a cross (x) in each box.

Push	Pull
 <input data-bbox="726 526 774 593" type="checkbox"/>	 <input data-bbox="1332 526 1380 593" type="checkbox"/>
 <input data-bbox="726 840 774 907" type="checkbox"/>	 <input data-bbox="1332 840 1380 907" type="checkbox"/>
 <input data-bbox="726 1120 774 1187" type="checkbox"/>	 <input data-bbox="1332 1120 1380 1187" type="checkbox"/>

Part 2. Circle the correct word.

1.



I can push a button with a

big force

small force

2.



I can push a big cabinet with a

big force

small force

3.



I can pull a toy car with a

big force

small force

4.

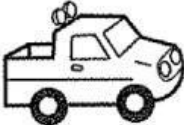


I can push a big rock with a

big force

small force

Part 3. Push the toy car with a big push then a small push. Do it go fast or slow? Circle the correct answer in the table.

	
big push 	small push 
fast slow	fast slow

Part 4. Finish these sentences. Use these words.

push	slower	faster	slow down	speed
stop	pull	speed up	direction	shape

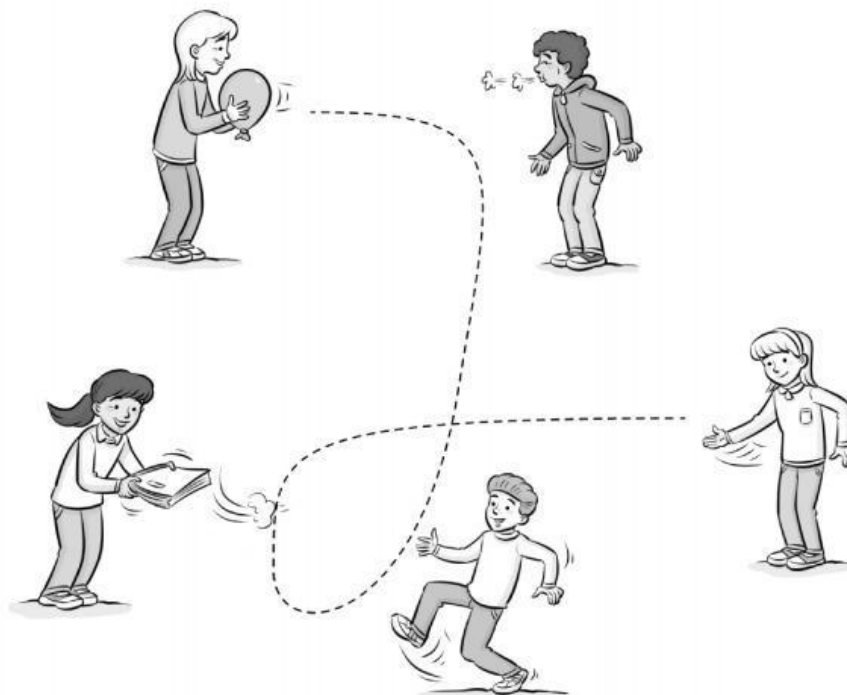
1. A _____ is a force away from you.
2. A _____ is a force towards you.
3. Forces can make things move or _____.
4. Your _____ is how fast you are moving.

5. Pull the brakes to _____.
6. Push the pedals to _____.
7. A bigger push will make an object move _____.
8. A smaller push will make an object move _____.
9. Forces can make moving objects change _____.
10. We can change the _____ of objects by using forces, such as when we make bread or make clay into the shape of a pot.

Part 5. The children push the balloon in different ways. Anas starts by hitting the balloon towards Fatima. The dotted line shows where the balloon goes.

Draw an arrow for each person to show the direction of the push.

- 1. Anas hits the balloon.**
- 2. Fatima fans the balloon.**
- 3. Tom kicks the balloon.**
- 4. Umar blows the balloon.**



Finish this sentence.

The children use forces to change the _____ of the moving balloon.

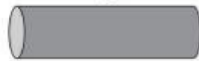
Part 6. Mina is using forces to change the shape of clay.

She is pushing down and rolling the clay. She counts how many times she rolls the clay.



Measure her piece of clay using paperclips.

After rolling 10 times



After rolling 40 times



After rolling 30 times



After rolling 20 times

Write your measurements in the table.

Number of rolls	Number of paperclips long
10	
20	
30	
40	

Answer these questions

1. How long was the clay after 30 rolls ? _____ paperclips
2. How long was the clay after 10 rolls ? _____ paperclips
3. How much longer was the clay after 30 rolls than after 10 rolls ? _____ paperclips
4. Circle the correct word to complete this sentence :

The more you roll the clay, the **longer** / **shorter** it gets.

__ THE END __