



Science Department

2023/2024

Year 2

Term 1, Week 7

ASPIRE

INTERNATIONAL SCHOOL

Name:

Class:

Pushing and Pulling: Reading

Directions: Start by reading the paragraphs at the top of the page. Then use the words in the word bank to complete the sentences at the bottom of the page.

Look around. Do you see things moving? When an object moves there are forces acting on it. A force can be a push or a pull.

A push is a force that moves an object away from the source of the push. You are pushing when you press a doorbell or when you move a stroller with a baby.



A pull is a force that moves an object toward the source of the pull. You pull up the zipper on your jacket and you can pull open some doors.



push

pull


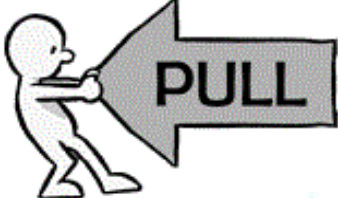







away

toward

1. A push moves an object away from the source of the force.
2. When you kick a ball you push it away with your foot.
3. A pull moves an object toward **from** the source of the force.
4. When you play tug-of-war you pull on the rope.

Vocabulary

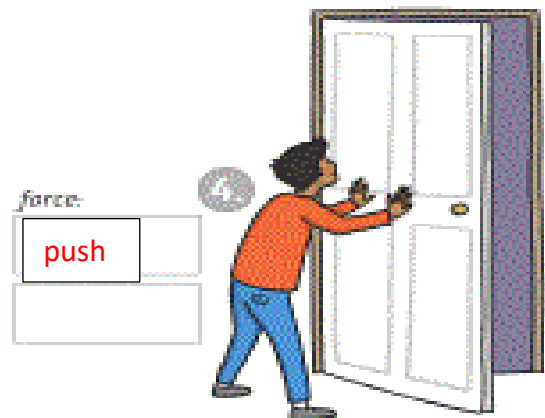
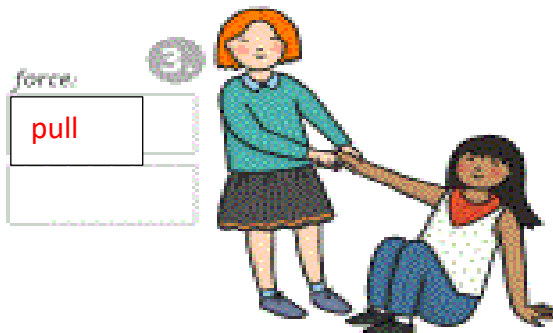
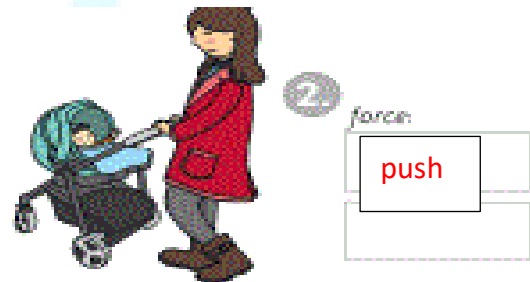
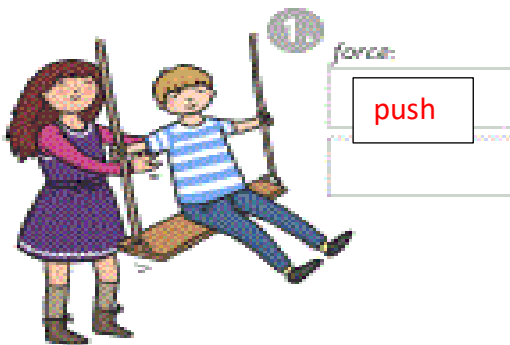
Write the missing words.

<p>away</p>  <p>A push is a force <input type="text" value="away"/> from you.</p>	<p>towards</p>  <p>A pull is a force <input type="text" value="towards"/> you.</p>	<p>objects</p>  <p>Things you can see or touch are called <input type="text" value="objects"/>.</p>
<p>change shape</p>  <p>Forces can make some objects <input type="text" value="change"/> <input type="text" value="shapes"/>.</p>	<p>stretch</p>  <p>Some objects will <input type="text" value="stretch"/> when pulled.</p>	<p>squash</p>  <p>Some objects will <input type="text" value="squash"/> when pushed.</p>
<p>change direction</p>  <p>Forces can make moving things <input type="text" value="change"/> <input type="text" value="direction"/>.</p>	<p>speed up</p>  <p>Forces can make things <input type="text" value="speed"/> <input type="text" value="up"/>.</p>	<p>slow down</p>  <p>Forces can make things <input type="text" value="slow"/> <input type="text" value="down"/>.</p>

Choose the correct answer:

1. Forces can make things or stop. (move- fall)
2. We need force to push a gigantic rock. (small- big)
3. A force is used to push the ball. (small- big)
4. A pull is a force . (away from you- towards you)
5. I my kite so it won't fly away. (pull -Push)

Write the correct force next to each picture, push or pull:



When you kick a football, what type of force do you use? Can you describe other sports or activities that involve pushing or pulling?



Push
For example basketball, it requires throwing which means pushing the ball inside the net.

