

Nova's Forces Sorting Challenge

Learning objective: To identify and sort different types of forces, including pushes, pulls, and friction.

Nova the owl is learning about forces. Look at the list of actions below. Decide if each action is a PUSH, a PULL, or both. Write the action in the correct box in the table. Use the word bank to help you.

Word bank: Push · Pull · Friction · Force · Move

1. 1. Copy these actions into the right columns: Opening a drawer, Kicking a football, Closing a door, Playing tug-of-war, Sliding a box on the floor. (5 marks)

2. 2. When you slide a box on the floor, it eventually stops. What is the name of the force that slows it down? (1 mark)

3. 3. If you want to make an object move faster, do you need a bigger or smaller force? (1 mark)

4. 4. Give one example of a 'push' you use at home. (1 mark)

Draw: Draw a picture of you using a 'push' to move a toy car. Draw an arrow to show which way the car is moving.



Extension challenge: Think of a time you used a force today. Write one sentence about how you used a push or a pull to help you.