

Nova's Forces Adventure

Learning objective: To identify and draw forces like push, pull, and friction in everyday actions.

Follow the steps below to draw your scene. Use the word bank to help you label your drawing. You can use coloured pencils to make your work clear.

Draw: Create a scene showing a supermarket or a playroom. Include a person pushing a trolley and a person pulling a toy. Use clear, simple lines. Draw arrows to show which way the objects are moving. Make sure the floor surface looks different under the toys to show where friction might happen.



Label words: Push · Pull · Friction · Gravity · Surface

Steps:

1. Step 1: Draw a child pushing a trolley at the supermarket. Draw an arrow to show the direction of the push.
2. Step 2: Draw a heavy box on the floor. Label the force that pulls the box down towards the ground.
3. Step 3: Draw a carpet under the box. Write the word 'Friction' near the carpet to show where the force slows the box down.
4. Step 4: Draw a child pulling a toy car with a piece of string. Draw an arrow to show the pull.