

# Aim

- I can identify the forces acting on objects.

# Success Criteria

- I can name different types of force.
- I can say when there is a push or a pull acting on an object.

# What Is a Force?



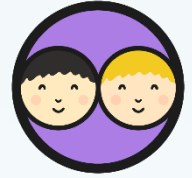
A force is a push or pull acting on an object as a result of the object's interaction with another object.

Forces can make objects stop or start moving.

Click the hockey player to watch a clip showing the effects of forces on different objects.

While you are watching, note down any examples of pushes or pulls that you see.

# Forces in Action



Think of an action that shows how forces move objects. You could choose an action from the clips you watched earlier or think of your own.



Work with a partner to create a freeze frame of the action you have chosen.

Show your freeze frames to the rest of your class. Can your classmates decide if you are demonstrating a pushing force or a pulling force?

# Push or pull?

Walking with a trolley.



Brushing hair.



Kicking a ball.



Sawing wood.



Playing on a swing.



Rowing.

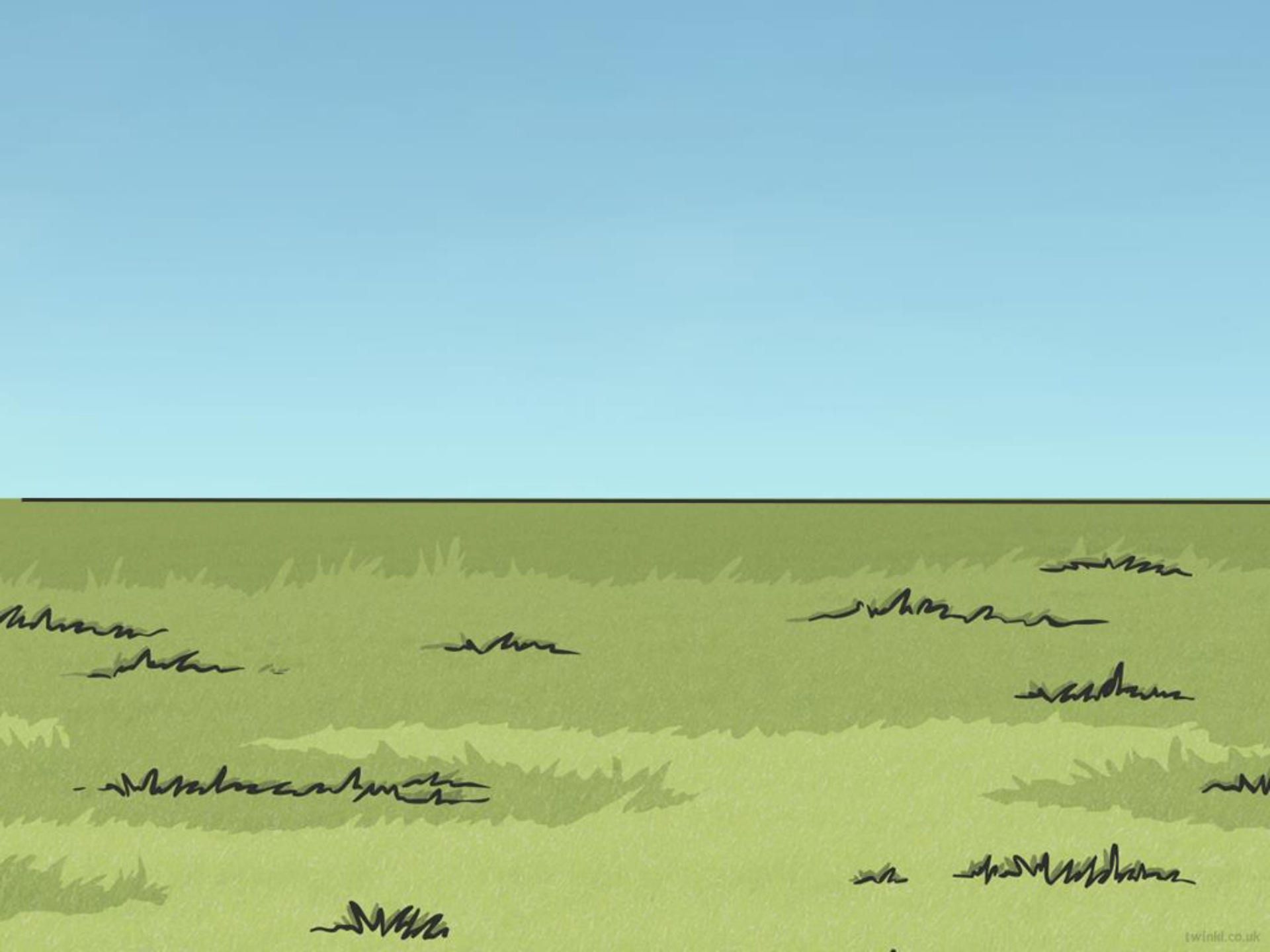


Weeding the garden.



Pressing the button on a door bell.







Which car will need the greatest force (push) to start moving?



Why do you think that?