

AGENDA

What makes
things
move?
Moving
objects

Exit Goal

Turn in
Pushes and
Pulls
worksheet

Answer the 2 questions In your journal

Think back to your mousetrap car:

1. What caused your mousetrap car to move?



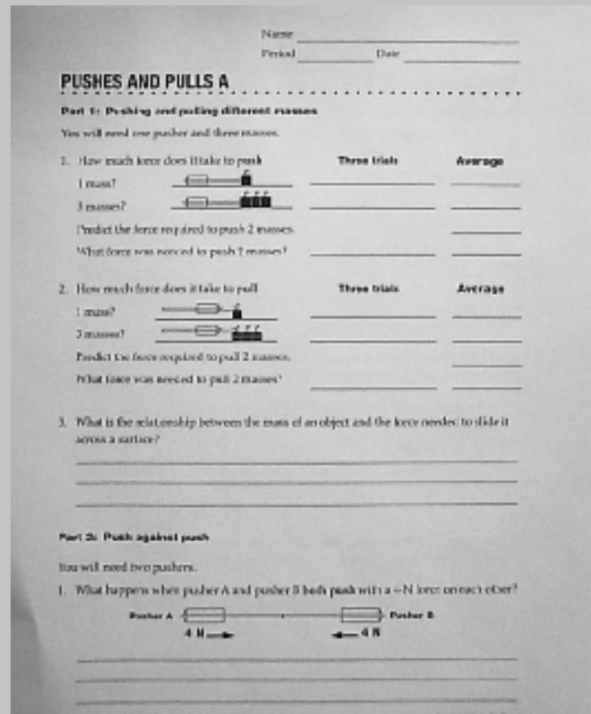
Figure 1

2. What made your car stop moving?

Learning target: I can demonstrate that force is an interaction

Work with your elbow partner at your table.
each complete the worksheet :

Pushes and Pulls A and B



Learning

target: I can demonstrate that force is an interaction

PUSHES AND PULLS C

3. Apply a 2-N **pull** with pusher A and a 2-N **push** with pusher B on the car.



a. Explain what happens to the car when the forces are applied.

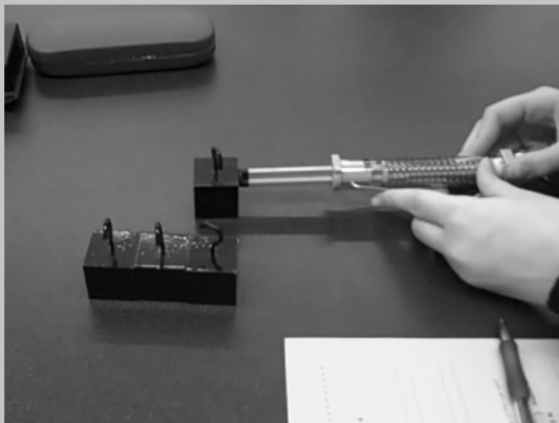
b. How could you use one pusher to produce the same result?

4. What causes cars to move?

Learning

target: I can demonstrate that force is an interaction

Question #1



Learning

target: I can demonstrate that force is an interaction

Discussion topics;

1. What did you find out about pushes, pulls and mass?
2. What happens when equal forces are exerted on opposite sides of the car?
3. What happens when 1 spring scale is held stationary on one side of a dotcar and a force is exerted on the other?
4. What happens when a spring scale pushes on one side of the car and another pulls on the opposite side?
5. What will happen when 2 n of force is exerted on one side of a car and 4N of force is exerted on the other side?
6. What causes an object to start moving?
7. What causes an object to stop moving?

Learning

target: I can demonstrate that force is an interaction

