When you PUSH an object, it moves AWAY from you.

When you PULL an object, it moves TOWARDS you.
A ramp can make an object go faster.

Circle the ball that will go the fastest.

Circle the ball that will knock down the box.

When an object moves faster, it can give a stronger push.
Circle the objects that were able to knock down the box.

Heavier objects can give a stronger push.

Draw a picture and write a sentence about what you learned today.
Marble Roll

How will the marble roll to the floor?

☐ Straight ______

☐ Curved ( )

☐ Zig Zag ___

What makes you say that?
Marbulous Challenge!

Questions:

1) When does the marble go SLOWER?

2) When does the marble go FASTER?

3) When does the marble CHANGE DIRECTION?

Build your own with only one beginning and end.

What team’s marble can roll the longest?
Simple Machines are tools that can be used to change the speed or direction of an object. Draw a line to match each picture to the correct simple machine.

Ramp or Inclined Plane

Pulley

Wedge

Screw

Wheel and Axle

Lever