

Amusement Park Rides

Part 1: Roller Coaster

What to Do

- Place a ruler on the track to join points A and B.
- Move your 2-D shape along the ruler.
- Make sure the same side of your shape stays on the ruler.
- Repeat to move to points B, C, D, and E.
- How does your shape move from one point to the next? What is this type of movement called?
- Does the way the shape is placed change? Explain.

Part 2: House of Mirrors

What to Do

- Place your 2-D shape on the floor in front of the mirror.
- Place the Mira so you can see your shape in the mirror.
- Trace around the picture of your shape on the mirror.
- How is the picture on the mirror the same and different from the shape on the floor?
- What is this type of movement called? Why?

Part 3: Train Ride

What to Do

- Place your 3-D object on the track at *Start*.
- Move your object around the track, stopping at the aquarium, splash pad, and petting farm.
- Make sure the same face of your object stays on the track.
- What is this type of movement called? Why?
- Does the way the object is placed change? Explain.