**Amusement Park Rides**

**Master 31**

**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.