

Magnetic Force

Problem:

- What types of forces can magnets put on objects without touching?
- How could these forces be used to help cars on a highway?

Procedure:

1. Find a partner or two.
2. Follow your teacher's instructions for building the car.
3. Use magnets to make the car move without touching it. How many different ways can you do this?

4. What do you notice about magnets? What questions do you have about magnets?

5. Do an experiment to test one of the ideas and record your results below.

Think of a problem that cars might have when driving on the highway. How could magnets be used to avoid or solve this problem?

Try your ideas and record your results below.