Week 2, Day 1
Get a large paper clip and put it on top of your desk. Does the paper clip move on its own? ________ Give the paper clip a gentle push. Does it keep moving on its own? ________________ What kind of force does it take to make the paper clip move? ____________________________________________________________________________ What is the force that makes the paper clip stop? ____________________________________________________________________________

Week 2, Day 2
Set up a race between a paper clip, an eraser, and a linking cube. First place the paper clip, eraser and linking cube along the top edge of a large book. Then slowly raise the book to see which object will begin moving first. Which object reaches the bottom first and wins the race? ________________ Why do you think this happens? ____________________________________________________________________________

Week 2, Day 3
1. Jacob rolled a tennis ball 761 cm on a smooth, tile floor. When he rolled the same ball on a carpeted floor, it only went 497 cm. How much farther did the tennis ball go on the tile floor than on the carpeted floor? Mark your answer.
   ○ 336 cm
   ○ 264 cm
   ○ 1,258 cm
   ○ 111,511 cm

2. Kristen was reading a book about friction and its effect on various objects. She started reading at 7:05 p.m. If she read the book for 30 minutes, at what time did she stop reading the book? Mark your answer
   ○ 7:35 p.m.
   ○ 6:35 p.m.
   ○ 6:05 p.m.
   ○ 8:05 p.m.
Week 2, Day 4

Scientists look at the world around them, collect facts, and develop ideas about the world based on those facts. They try to separate scientific facts from personal beliefs or opinions. Here are some statements about friction. Tell whether each statement is a fact or an opinion. Be ready to explain your answer.

(A) Friction is a force that works on objects to slow down and stop their movement.

(B) Friction is the most important force on the earth.

(C) Friction causes heat.

(D) Friction is a more important force than gravity.

Week 2, Day 5

Friction, caused by two surfaces rubbing together, fights the motion of objects. Slide a book across your desk with one finger. The book and the table rub together making your work harder. Friction can be helpful to us or not helpful when we are doing work. Without oil in a car engine, friction destroys it. Without friction between the tires and the road, you couldn't stop the car. Fill in the box below to show how friction can help or hinder people.

<table>
<thead>
<tr>
<th>HELPS PEOPLE</th>
<th>HINDERS PEOPLE</th>
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<tbody>
<tr>
<td>**Example--**car brakes</td>
<td>**Example--**hard to push box on floor</td>
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