



## Bill Nye, Friction

Name: \_\_\_\_\_

1. Frictionless cars \_\_\_\_\_ to prevent  
them from being fast.

2. Friction can turn wheels into \_\_\_\_\_.
3. Friction is what holds all \_\_\_\_\_ together. (Look at your structures!)
4. Your \_\_\_\_\_ help you pick up objects. The ridges on them help you grab the objects.
5. People wear spikes on shoes when playing sports so that they can get more \_\_\_\_\_, making it easier to stop.
6. Hockey skates slide because they make a layer of liquid \_\_\_\_\_ between the skate and the ice. This creates very little friction between the skate and the ice.
7. Would skating be possible without friction? Yes or no?
8. When you are on a bike, friction is what holds your \_\_\_\_\_ at the pedals.
9. Even though a bowling ball is smooth and the alley is smooth, there is still \_\_\_\_\_ between them.
10. To get something as big and heavy as a train moving, we use \_\_\_\_\_ to get it going.
11. When a spacecraft reenters Earth's atmosphere, friction causes the outside of the spacecraft to get extremely \_\_\_\_\_.
12. Our joints are \_\_\_\_\_ to reduce wear and tear on our bones.  
(Turn Over)
13. Slugs produce \_\_\_\_\_ to help reduce the friction between the animal's body and the ground.