

Bill Nye Friction Video

Name _____

Date _____

electrons *knot* *friction* *slows down* *heat* *space* *heat it up*
pick up *less* *sticky* *slippery* *less* *water* *rubbed*
rough *more* *on the track* *reduces* *track* *wheels* *heat*
chirp *bump*

1. Friction is a force that results when two surfaces are _____ together.
2. Friction turns work into _____.
3. If you tie a _____, it is held together by friction.
4. Friction _____ moving things and turns motion into _____.
5. In _____, there is almost no friction.
6. Your fingerprints are necessary for you to _____ things.
7. Friction comes from _____.
8. The more electrons repel each other, the _____ friction is there.
9. When skis or skates slide over ice or snow, the friction creates a layer of _____ which _____ friction.
10. Friction is necessary when you are riding a bike in order to stay _____.
11. Cleats or spikes on shoes make _____ friction because they provide a _____ surface.
12. Rolling friction is _____ than sliding friction
13. Ball bearings purpose is to create _____ friction.
14. In order for a train to move on the tracks, there must be friction between the _____ and the _____.
15. When you rub your hands together rapidly, friction creates _____.