

## WS Science 33 – 2

### Quick Review!

1.) What is Speed?

- a) An object that moves really fast
- b) Distance divided by Time
- c) Change of direction

2.) What is Force?

- a) A push or a pull
- b) The strength of a person
- c) How hard you pull something

3.) What is motion?

- a) When an object stays in the same place
- b) When an object changes direction
- c) When an object losses mass



When you kick a basketball does it roll forever? No, a force brings it to a stop. That force is called **Friction**. Friction works against motion. Friction acts between surfaces of objects that touch. The surfaces rub against each other, allowing the object to come to a stop. There is friction between a car's tires and the road. Also between your feet and the ground.

Share an example of friction with the class.

Friction depends on the objects. For example when you drag a cardboard along the sidewalk there will be lots of friction because of the rough surfaces. When an ice skater skates across the ice track the friction between the blades of the skates and the ice is small since the skater can slide.

Share an example of objects what have lots of friction and little friction.