**Science Friction: All About the Physics of Curling**

Look up and define the four types of friction:

1. Static Friction-
2. Sliding Friction-
3. Rolling Friction-
4. Fluid Friction-

***Watch the video clip Science Friction: All About the Physics of Curling.***

1. What types of friction are involved in curling? Explain.
2. Is friction hurtful or helpful to this sport? Explain.

Choose your own sport. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What type(s) of friction are involved in your sport (static, sliding, rolling, fluid)? Define the type of friction and fully explain how it is involved in your sport.
2. How is friction used as a benefit and/or as a disadvantage in your sport? List five examples and explain.

List 10 examples of friction in everyday life, and give an explanation for each of them. Example: Stairs have treads on them; Why? When the sole of someone’s shoe pushes against the treads on the stairs, friction is created, which prevents the person from slipping and falling.