

Name: _____

Assignment Code:

Period: _____

FORCES IN SPORT

1. Select a sport that you like (no swimming or other water related sports)
2. Find a photo illustrating one specific action in the sport.
3. Describe what is happening in the photo.
4. Indicate the forces of gravity, friction and applied forces using arrows.
5. Indicate the general direction of motion in the photo.

Checklist:

Check off items as you build your presentation.

You are creating a presentation on **one slide** that provides the following:

- ☐ **Your Name**
- ☐ **Name of the sport** (no swimming or other water sports)
- ☐ **Description of the action happening on the photo**
- ☐ **Forces:**
 - ☐ **1 blue arrow** showing the direction of the **force of gravity**
 - ☐ **Friction forces** (there could be several)
 - ☐ **Green circles** indicating where friction occurs
 - ☐ **Green arrow(s)** showing the direction of the friction force(s)
 - ☐ **Orange arrows** showing the direction of **applied forces**. (In sports, forces applied by muscles or tools such as race car engines)
- ☐ **1 black arrow** showing the **general direction of motion** on the photo.