

## H2O Olympics

### Assessment Questions:

1. Define cohesion. **The attraction of water molecules to each other.**
2. Define adhesion. **The attraction of water molecules to other materials.**
3. What causes surface tension? **The strong bond between water molecules**
4. Give an example of capillary action.
5. Which Olympic event corresponds to each of water's characteristics
  - a. Pole Vaulting: **cohesion and surface tension**
  - b. The Balance Beam: **cohesion and adhesion**
  - c. Sculling: Bubble Power: **adhesion and surface tension**
  - d. Slalom: Weaving In and Out: **adhesion and capillary action**
  - e. Backstroke: Clipping Along: **cohesion and surface tension**
6. **True** or False. Adding soap to water breaks the surface tension.