The Burner

Parts of the Burner:
- **Gas valve**—where burner tubing is attached and gas is turned on/off
- **Burner tubing**—flexible rubber tubing used to attach burner to gas valve
- **Needle valve**—allows for controlling the amount of gas entering burner (adjusted on the bottom of the burner)
- **Air ports**—allows air (oxygen) to enter for adjustment of hotter or cooler flames
- **Barrel**—upright cylindrical portion of the burner

Steps to Lighting Burner:
1. Securely attach tubing to gas valve
2. Make sure there are no kinks in tubing (where burner may tip over)
3. Completely close needle valve on bottom, then open about 1/2 turn
4. Open gas valve (parallel to valve=open; perpendicular to valve=closed)
5. You should hear gas escaping the burner
6. Quickly light using flint striker
7. Adjust flame (yellowish=cooler while blue inner cone=hotter) according to needs
8. Turn off at gas valve (NOT on bottom of burner)

Safety:
1. Keep hair pulled back! Keep loose clothing confined! Keep paper away!
2. Never leave a burning flame unattended. Turn off and relight if walking away!
3. Burner barrel and base get HOT! Careful! Let cool before touching!