



## Light Bulb – Chemistry Ornament Version 1 Using Coffee Filter in a Bowl

### Ingredients

- Borax
- Water
- Glass bowl
- Coffee filter
- Food coloring
- Clear coat spray



### Instructions

1. Boil a pot of water.
2. Mix about 3 T of Borax to every 1 cup of water. Some Borax powder will end up settling on the bottom. This is fine.
3. Pour the hot water into a glass bowl.
4. Add food coloring if desired.
5. Trace your ornament template onto a coffee filter and cut out the shape.
6. Poke a hole near the top of the shape. This will enable you to thread a string or hook through it later.
7. Place the cutout coffee filter into the Borax solution and set the bowl in a safe place.
8. Wait 24 hours.
9. Remove your crystallized ornament from the mixture and spray both back and front with clear coat spray.
10. After drying, thread a hook or string through the hole and hang your new ornament on your Christmas tree!

## Atom – Chemistry Ornament Pipe Cleaner in a Bowl

### Ingredients

- Borax
- Water
- Glass bowl
- Pipe Cleaner
- Food coloring
- Clear coat spray



### Instructions

1. Boil a pot of water.
2. Mix about 3 T of Borax to every 1 cup of water. Some Borax powder will end up settling on the bottom. This is fine.
3. Pour the hot water into a glass bowl.
4. Add food coloring if desired.
5. Using the template you printed, mold the pipe cleaners into the shape of the silhouette. For the atom, I created loops using 3 pipe cleaners and then attached them together using two very small snips of another pipe cleaner.
6. Place the pipe cleaners into the Borax solution and set the bowl in a safe place.
7. Wait 24 hours.
8. Remove your crystallized ornament from the mixture and spray both back and front with clear coat spray.
9. After drying, thread a hook or string through one of the openings and hang your new ornament on your Christmas tree!

## Beaker – Chemistry Ornament Pipe Cleaner in a Jar

### Ingredients

- Borax
- Water
- Wide mouthed glass jar
- Pipe cleaner
- Food coloring
- String
- Wooden craft stick or pencil
- Clear coat spray



### Instructions

1. Boil a pot of water.
2. Mix about 3 T of Borax to every 1 cup of water. Some Borax powder will end up settling on the bottom. This is fine.
3. Pour the hot water into a glass bowl.
4. Add food coloring if desired.
5. Using the template you printed, mold the pipe cleaners into the shape of the silhouette. For the beaker, I left a long portion of pipe cleaner sticking up from the top.
6. Wrap the extra pipe cleaner around the craft stick or pencil and lower the shape down into Borax solution. The stick/pencil should rest on top of the jar.
7. Set the jar in a safe place and wait 24 hours.
8. Remove your crystallized ornament from the mixture and spray both back and front with clear coat spray.