



Name: _____

Period: _____

Halloween Science

Purpose: To use chemical properties and reactions to enjoy Halloween fun!

1) Bubbling Lava Lamp

What does the alka seltzer tablet add to the bottle of liquids?

Is this a chemical or physical change?

The water temperature is getting cooler. Is this exothermic or endothermic?

2) Crystal Ball & Bubbling Cauldron

What causes the fog in the crystal ball?

What process is occurring as the solid dry ice changes to a gas?

3) Creating Oobleck

Do you think the Oobleck is a liquid or a solid?

What happens if you tap the Oobleck with your finger? Does your finger go through it?
(Oobleck is a type of non-Newtonian fluid called a dilatant.)

4) Dancing Ghosts

What causes the ghost to dance and rise up to the balloon?