The Scientific Method

Question: What do you want to know?

How do you make water glow?

Purpose: Why do you want to know this? How will the answer to this question help?

Background Information: What do you already know about this topic? Is there anything that you need to find out before starting this experiment?

UV light.

Hypothesis: What do you think that will happen and why?

I think that the water will glow because of this.

Method: What are the steps to the experiment that you are going to use to answer your question?

if using highlighter	If using toxic water
1. Snap the highlighter in half and take the ink carefully. 2. Pour water in the bottle. 3. Put the ink in to a bottle of water. 4. Wait 3 - 5 minutes. 5. Enter Dark room. 6. Flash UV light at the bottle of water.	1. Pour the toxic water in the bottle. 2. Pour a little bit of water in the bottle. 3. Put the ink in to a bottle of water. 4. Wait 3 - 5 minutes. 5. Enter Dark room. 6. Flash UV light at the bottle of water.

Materials: What equipment will you need?

UV light, bottle, water, highlighter pen or toxic water and a Dark room.

Observations & Results: What do you notice during the experiment? Include any potential changes that need to happen and why? What were the results* of your experiment?

(The experiment didn't work because we let the highlighter pen soak in to much)

*Ensure that any measurements are properly recorded in a table

Analyse Data & Draw Conclusions: What happened? Why did it happen? Link back to your background information and your hypothesis.

(The experiment didn't work because we let the highlighter pen soak in to much)

Communicate Your Findings: Present your findings to others. (The experiment didn't work because we let the highlighter pen soak in to much)