

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
<ol style="list-style-type: none">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.	<ol style="list-style-type: none">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.

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Communicate Your Findings: Present your findings to others.

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