

BLUE BOTTLE EXPERIMENT!

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What to do:

1. Put 1 cup of water into the glass container and add the sodium hydroxide
2. Once the solution has cooled, add in the tablespoon of glucose
3. Next, add the methylene blue solution to the glass flask and use the stopper to cork it. The ideal volume produces a solution that turns colourless upon standing, but becomes blue when the flask is shaken.
4. For the demonstration, shake the flask so that the solution is blue. Allow it to rest to turn colourless.

Ingredients:

- Glass container with lid
- Measuring jar
- 1 cup of water
- 1 tablespoon of Methylene blue
- 1 tablespoon of glucose
- 1/8 cup of sodium hydroxide

WARNING: *Adult supervision is needed for this experiment to handle sodium hydroxide and Methylene blue.*

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