

Title - The Scientific method

Purpose: What do you want to learn/find out?

How can we change the speed of the reaction between hydrogen peroxide and yeast?

Hypothesis: Try to predict the answer to the problem. Another term for hypothesis is 'educated guess'. This is usually stated like " If I...(do something) then...(this will occur)

If we added least yeast and added more hydrogen peroxide.

Materials: List everything you will need to conduct your experiment.

1. Add the hydrogen peroxide into a plastic bottle
2. Add the dishwashing liquid
3. Add food colouring
4. Mix it all up
5. Put the yeast in a plastic cup with warm water
6. And mix it
7. Put the hydrogen peroxide, dishwashing liquid, and food colouring in to the the cup

Experiment procedure: The fun part! Design a test or procedure to confirm or disprove your hypothesis. Write down each step so that someone else could do the same experiment.

Plastic bottle
Plastic cup
Hydrogen Peroxide
Dishwashing liquid
Food colour
Yeast
Warm water
2-4 Tea-spoon

Analysis/Data: Record what happened during the experiment.

When we poured the hydrogen peroxide into the yeast and warm water we thought the experiment would explode but it didn't, it just grew. Then we got to play with and our hands turned pink.

Conclusion: Review the data and check to see if your hypothesis was correct.

No, because we had the most yeast and the least hydrogen peroxide , it didn't explode.