

Name: _____

Other Group
members: _____

Title: _____

Aim: (What do you want to test?)

Hypothesis: (What do you predict will happen?)

Variables: Describe your variables

Independent variable (what you are changing)

Dependent variable (what you are measuring)

Controlled variables (all the things you are keeping the same)

Materials: (be specific)

Description
100 mL of Epsom Salt
80 mL of warm/hot water
2 x 250ml beaker
Stirring spoon
2 shot glasses
Food colouring

Method: (Someone else needs to be able to follow your instructions)

- You have to make a saturated solution with Epsom Salts.
- Add 80 mL water to 100 mL epsom salt.
- Stir until epsom salt is dissolved. Add more water or epsom salt as needed.
- Add food colouring
- Pour into 2 shot glasses-label Room Temp + Fridge
- Cool until crystals form (3-5 days)

Results:

Conclusion:

What conclusions can you draw about crystals from your results?

How could you improve your experiment?

Did the results support your hypothesis or not? Why?