

Name:

## My Plan for Crystal Creations



Draw or make a list of the equipment you have chosen or been given to use:

Record the things that you have measured or decided to choose in this table (these are called variables):

Amount of Solution	_____ millilitres
The type of container I will use	
Where I will put the container	

Write down the reasons why you have chosen these things:

I chose this amount of solution because \_\_\_\_\_

\_\_\_\_\_

I chose this container because \_\_\_\_\_

\_\_\_\_\_

I chose this place to put the container because \_\_\_\_\_

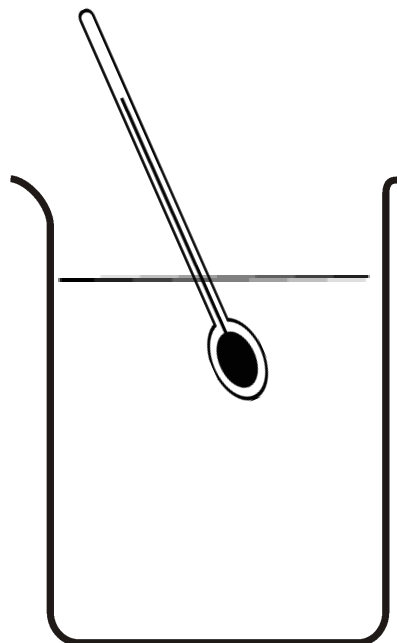
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## What is happening to your experiment:

If you have a thermometer, investigate how temperature affects your experiment:

1. Put the thermometer in the liquid – holding the top like a smelly sock.  
Try not to disturb any crystals that are growing.
2. Count to 20 before taking the reading in degrees Celsius ( $^{\circ}\text{C}$ )

Starting temperature	
5 min	
10 min	
20 min	
Tuesday	
Wednesday	
Thursday	
Friday	

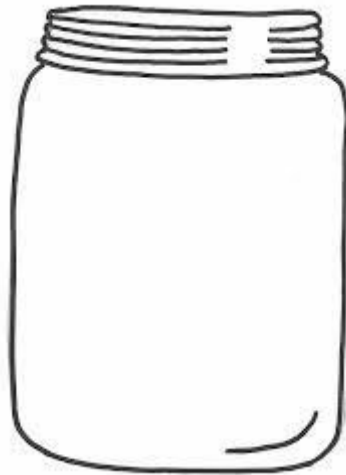


## What is happening to your experiment?

Investigate how much water is evaporating every day:

1. Use a ruler starting from the bottom of the jar measure up to the water line
2. Mark with a permanent pen
3. Record in centimetres (cm)

Day	Height of water line in cm
Starting height Monday	
Tuesday	
Wednesday	
Thursday	
Friday	



## What is happening to your experiment?

Make careful observations of the solution and the crystals as they start to grow:

1. Look carefully at the mixture.
2. Describe what you can see. Are there any changes? What does it look like?
3. Write sentences in the observation table.

Day	Observations
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	

Vocabulary you might need:

dissolve	murky
separate	form
transparent	grow
cloudy	crystals
opaque	solid
granules	liquid

