

Name \_\_\_\_\_

Jui's family are experimenting to find the best ways to help pumpkin seeds germinate into healthy seedlings. *Can you help them?*

In your group choose one factor you want to investigate. It would be good if you worked as a class to cover different factors.

**Plan your investigation. Remember to include a fair test.**



The factor we will investigate is:  
.....

The factors we will keep the same are:  
.....

The main thing we will measure to see if our factor is important is:  
.....

Other things we will observe and record are:  
.....

Now think about how often you will observe and take measurements and how you will record them. Will you draw a table, make a graph, draw pictures or diagrams of what you see happening? The choice is yours.

You will need to observe your pots over several weeks. You should stop your investigation when any of your seedlings has two open leaves. From that point onwards it becomes a plant and starts a different part of the lifecycle which may need different conditions to grow.

How we will carry out our investigation:  
.....

What we predict might happen:  
.....

What actually happened...was our prediction right?  
.....

**Things you may use in your investigation**