

What this is about

The children investigate plants growing under different conditions, for example, in and out of the light. They measure them daily and use a spreadsheet to record their results. They draw a graph. The children use IT here to 'sort information and present their findings'. They learn too about the conditions for plant growth and how fast they grow.

If you have a pictogram drawing program, the children may be able to make a more interesting graph as shown below.

Starting points

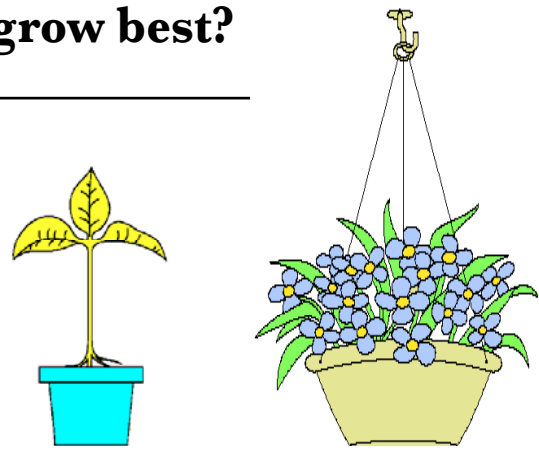
Discuss the best and worst places to grow plants. How can you test your ideas?

Discuss how you could measure how much a plant has grown.

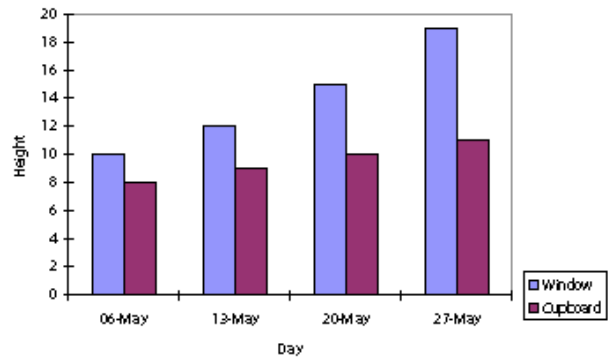
What to do

Set up pots with bean seeds. Place these in the light, the dark, the fridge and so on.

Measure how long the stems are every three days. Record your results in a pictogram program or spreadsheet. If you wish, produce a graph each time you add a new set of results.



Growing bean plants



Questions to ask

What does the graph tell you about places to grow things?

Which things make a lot of difference? Which do not?

Where in the school grounds would you put your favourite plant?

Extra

Can a plant have too little / too much water?

Growing plants			
	cm	cm	
	Window	Cupboard	
06-May	10	8	
13-May	12	9	
20-May	15	10	
27-May	19	11	

