



Have a go tomato scientist

We thought it would be a good idea to have a go at conducting your own survey/experiment.

The question is:

Do tomato plants really need water to grow?

Have a go at planting four tomato plants, the fun is you will have to watch them every week and write down the differences that you see in each plant. By doing this you will see for yourself, how much water they will need to grow into a healthy, strong plant.

To begin:

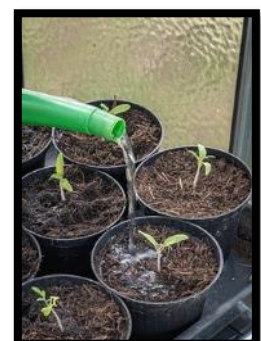
Plant four separate tomato seeds, into individual pots – remember to label them Pot 1, Pot 2 and so on.

Pot 1 – will be watered daily with 100ml of water

Pot 2 – will be watered daily with 50ml of water

Pot 3 – will be watered daily with 25ml of water

Pot 4 – will be watered daily with 10ml of water





The fun part is watching your plants grow on a weekly basis and then recording their height, using a simple chart like the one below.

For the artists amongst us, you might also want to add a weekly sketch of what you see, or even take a photo on your phones.

All plants need to be put in the same place each week.

Date –	Pot 1	Pot 2	Pot 3	Pot 4

By writing down your observations on each plant, you will be able to find out the following information:

Which plant grew the tallest?

Which plant was the smallest?

Do you think the amount of water made any difference?

What has happened to the plant that had too much water?





As before, you can then record your finding on a weekly basis.

By writing down your observations or taking photos, you will be able to answer the following questions:

What differences did you see between the three plants?

Which plant grew the most?

What did you conclude from your experiment?

Would you get the same results if you put other plants in the same conditions? Why?



What happens after a tomato is harvested?

Write down your thoughts..... and then discuss with your class/friends.

And finally!

How many products can you think of that are made of tomatoes?



See if you can write down 10.....

