

Planting Science Scientific Method

What do you want to know more about?
This is your research question.

I wonder if...

What do you think will happen? Have a guess.
This is your hypothesis.

I think that...

How would you find out the answer
to your question?
What steps would you take?

Step 1:

Step 2:

Step 3:

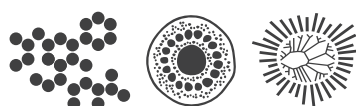
Step 4:

What stays the same?
These will be your constants.

What changes?
This will be your variable. Only change one
thing to make sure you've made a fair test.

How will you measure your results?

Discuss your results with someone else.
Was your hypothesis correct?



Planting Science Worksheet



Sample name:

Is this plant a succulent?

How much does your sample weigh before drying?

How much does your sample weigh after drying?

The sample leaves held this much water:

The sample leaves were this much dry plant weight:

Can you figure out how much of the plant was made up of water?

What unit of measurement will you use in your investigation?

Succulents have thick and fleshy leaves. Sometimes their leaves have spikes. This type of succulent is called a cactus.

When you dry the leaves, only the water will come out of the plant. From the last two figures, do some problem solving to figure out how much water was in the plant to begin with.

