I like the sun.

What are you trying to find out?

I am investigating:

_____

_____

_____

I am using cress for this experiment because:

_____

_____

_____

_____

_____

Is the experiment a fair test? _____

Why? _____

_____

_____

_____

Why do plants need sunlight to grow?

_____

_____

_____

On the window sill

In the cupboard

In the fridge

WILF: I can plan an investigation to find out how much water plants need to grow well.

Water world!

How much water do you think a plant needs to grow well?

I predict that:

Because:

This is what I need:

For each plant I shall keep these things the same:
1.
2.
3.
4.

I will change only this:

Draw what you think will happen to the three plants.

This is what I will do.
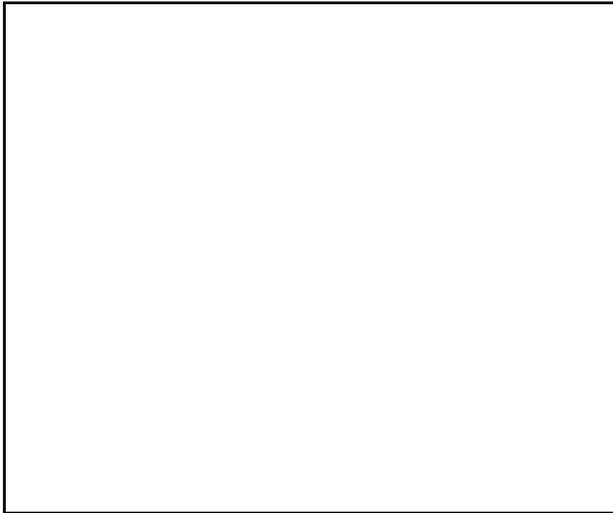
The role of the stem

Look closely at the celery and draw a detailed picture of the inside of the stem.

Label the drawing carefully using scientific vocabulary.

I predict that _____

_____

because _____

_____

Before the experiment

After the experiment
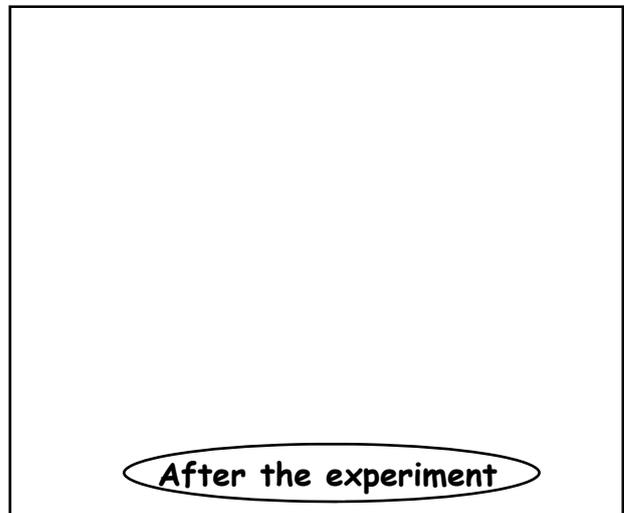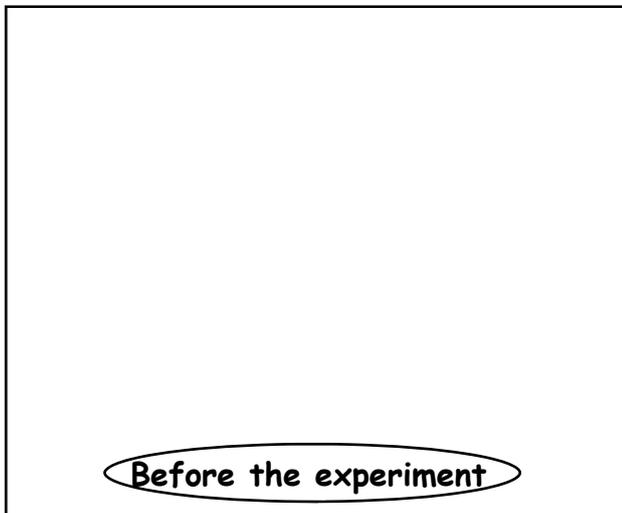
How did we make our experiment a fair test?

What is the role of the stem in plant growth?

How is water transported to the leaves of the celery plant?

What does my plant need to grow well?

In the two boxes below draw and label one plant that will grow well and one plant that will grow badly, thinking about the role of the stem, roots and leaves.

A plant that will grow well	A plant that will grow badly

1. What will the roots look like in a plant that is growing well?

_____

_____

_____

2. What will the stem look like in a plant that is growing badly?

_____

_____

_____

3. Do plants grow better with lots of leaves or only a few leaves? Why?

_____

_____

_____

The leaf thief

The leaf thief thinks that plants can manage without their leaves.

So he steals them!

How many leaves do you think it is safe to take off a plant?
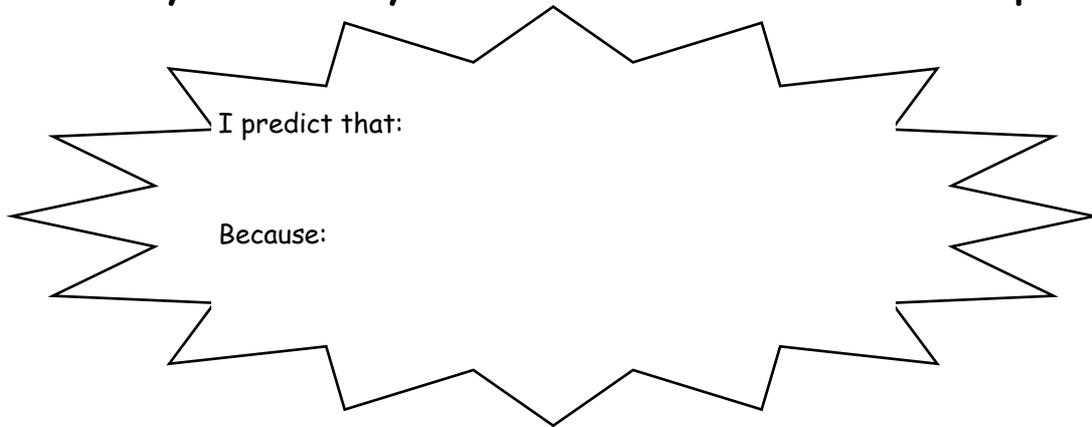
I predict that:

Because:

This is what I need:	This is what I will do:
For each plant I shall keep these things the same: 1. 2. 3. 4.	If I am right, this is what will happen:
I will change only this:	