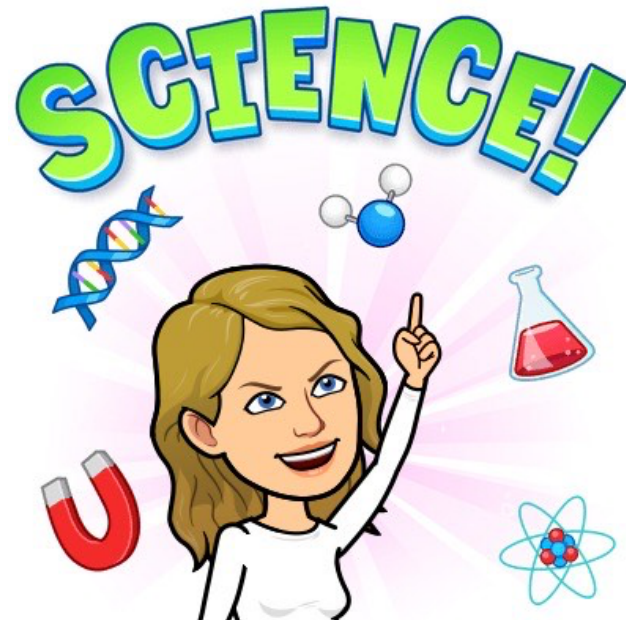




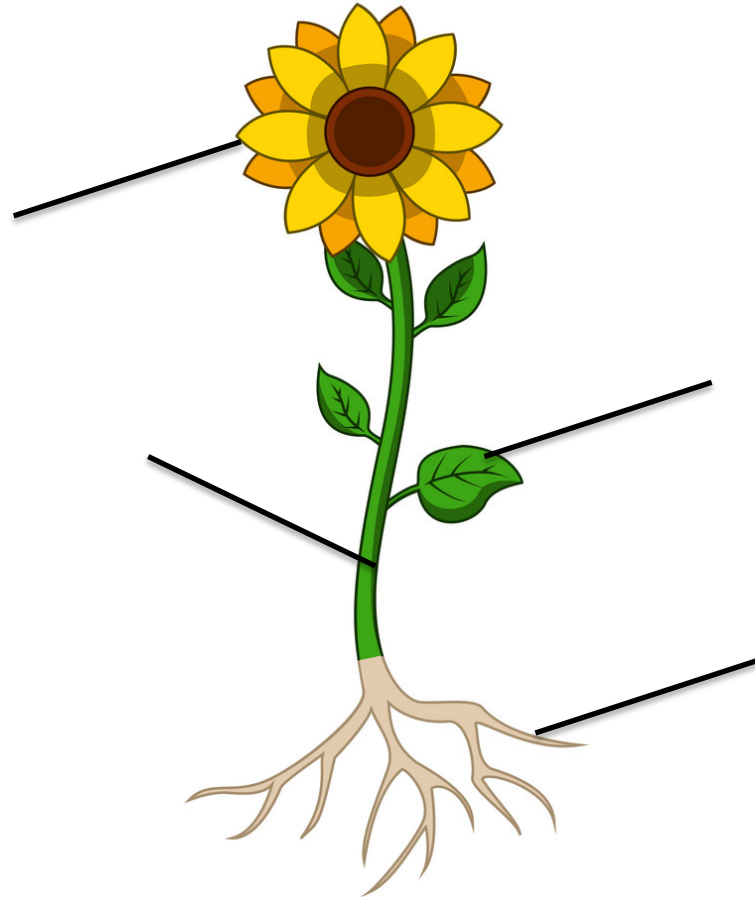
to this afternoon's Science lesson



**Tuesday 10<sup>th</sup> November**

**Science – Water transportation in plants**

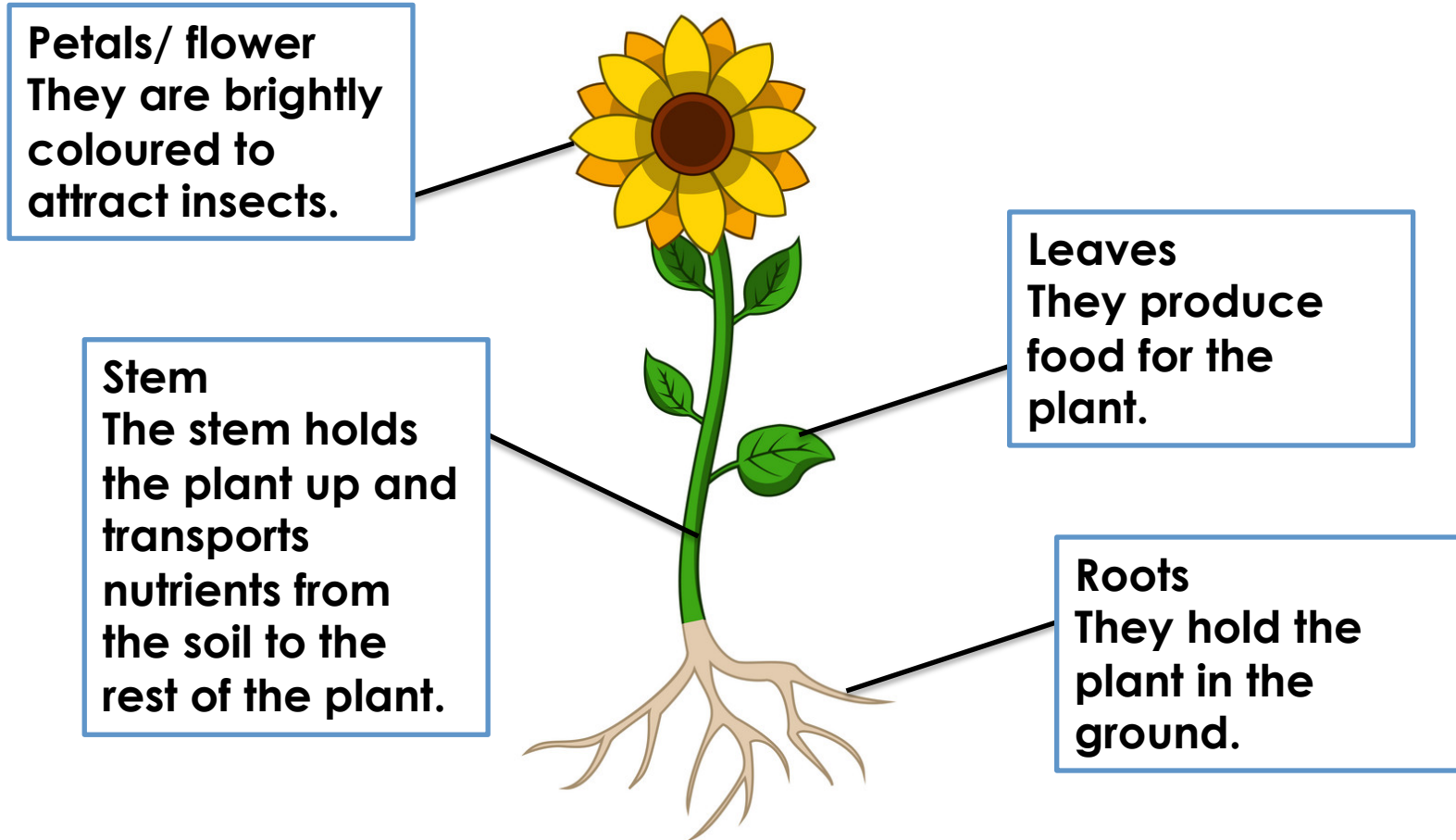
In today's Science lesson, we will be learning all about how **water is transported (moved in plants)**.



**Can you remember the different parts of the plant?  
What is their function (job)?**

In today's Science lesson, we will be learning all about how **water is transported (moved in plants).**

**How did you do?**



**Can you remember the different parts of the plant?  
What is their function (job)?**

# Water Transportation

The process of water transportation is the way water moves through a plant.

The roots absorb water from the soil.

The stem transports water to the leaves.

Water evaporates from the leaves.

This evaporation causes more water to be sucked up the stem.

The water is sucked up the stem like **water being sucked up through a straw.**

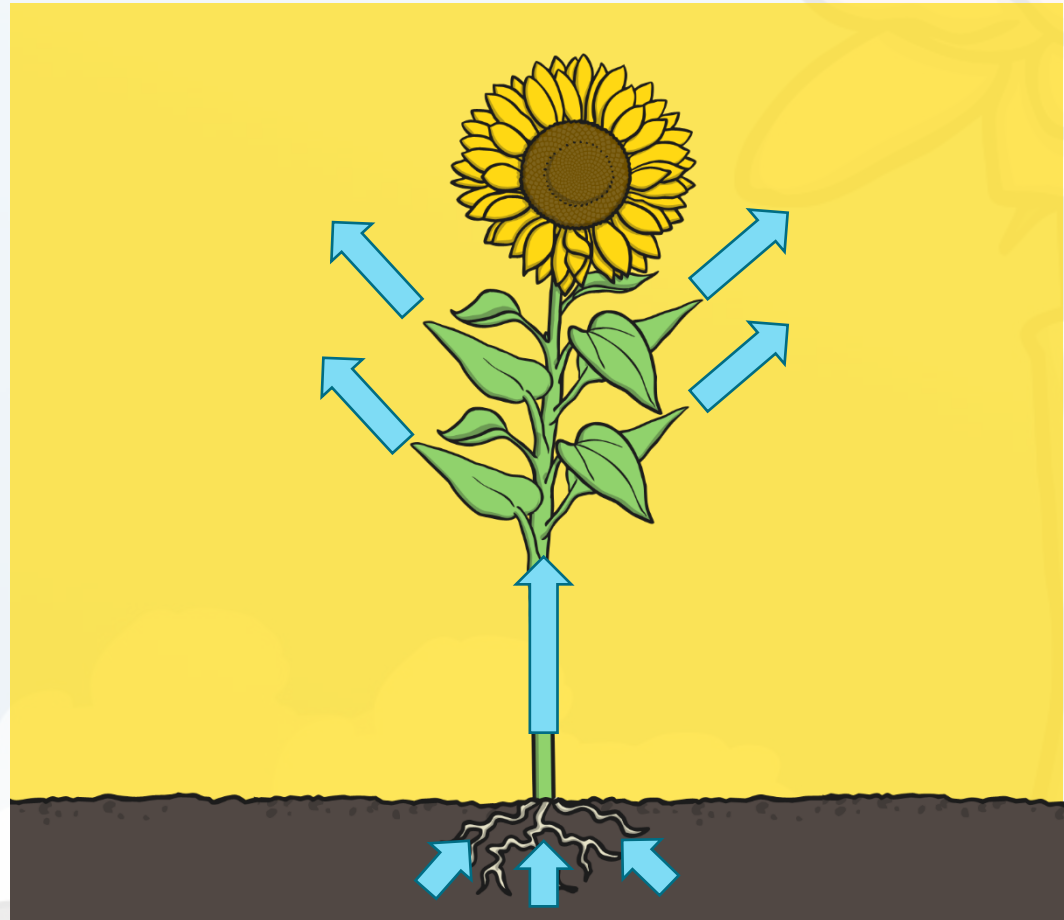


# Water Transportation



Can you explain the process of water transportation to someone at home?

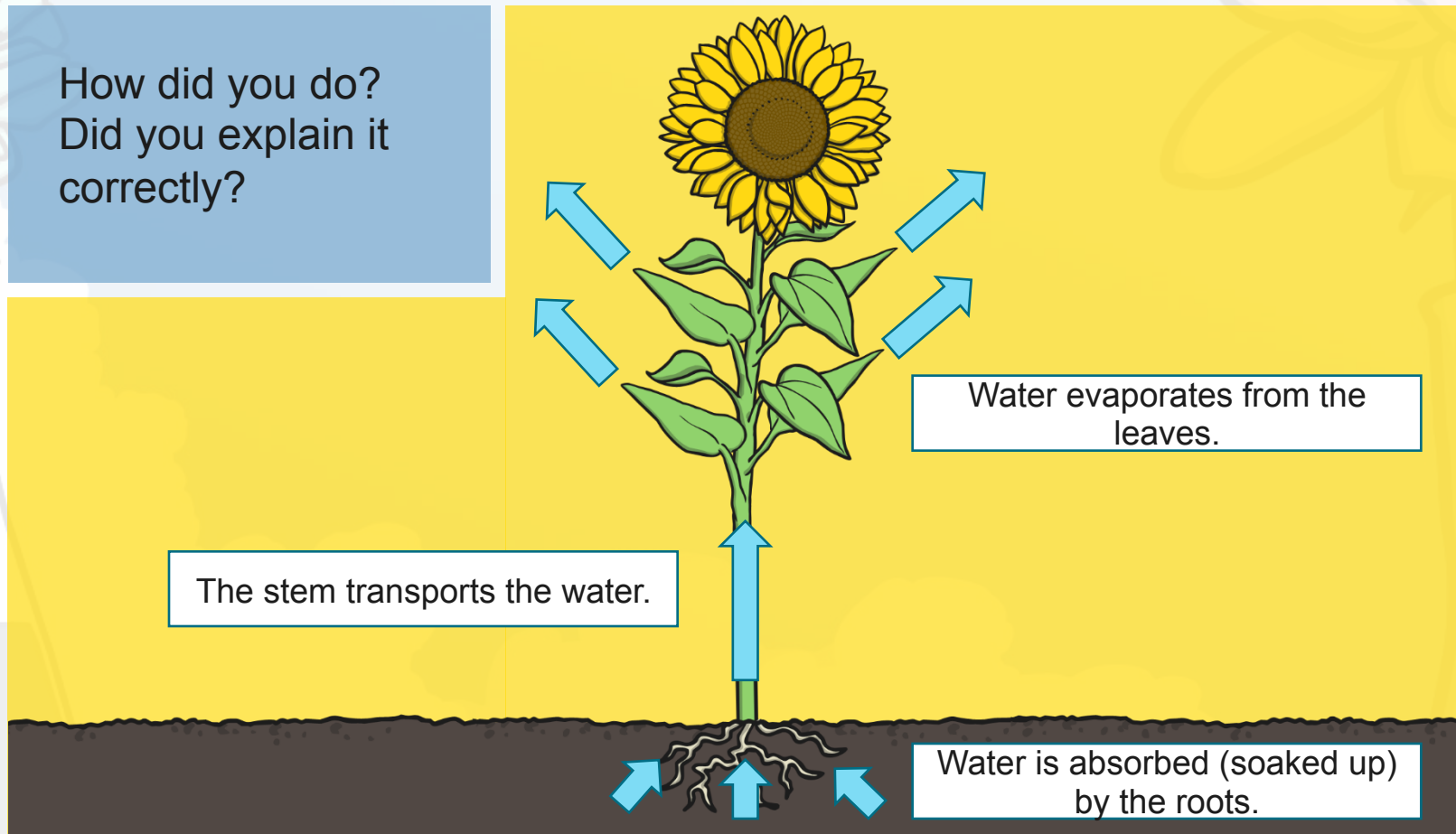
Use this diagram to help!



# Water Transportation



How did you do?  
Did you explain it  
correctly?



The stem transports the water.

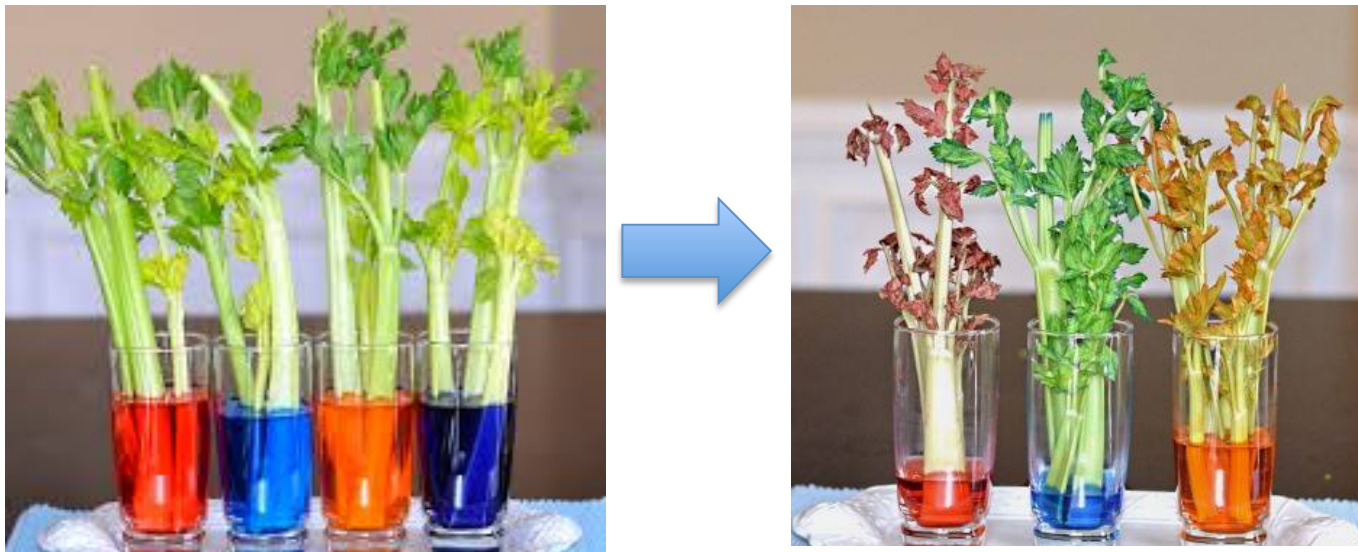
Water evaporates from the  
leaves.

Water is absorbed (soaked up)  
by the roots.

## Experiment time:

Watch this short video clip. The video explains about an experiment to show how water is transported in plants.

<https://www.youtube.com/watch?v=Rz7zmSlvrtA>



**How did the food colouring travel up the plant to the leaves/ petals?**

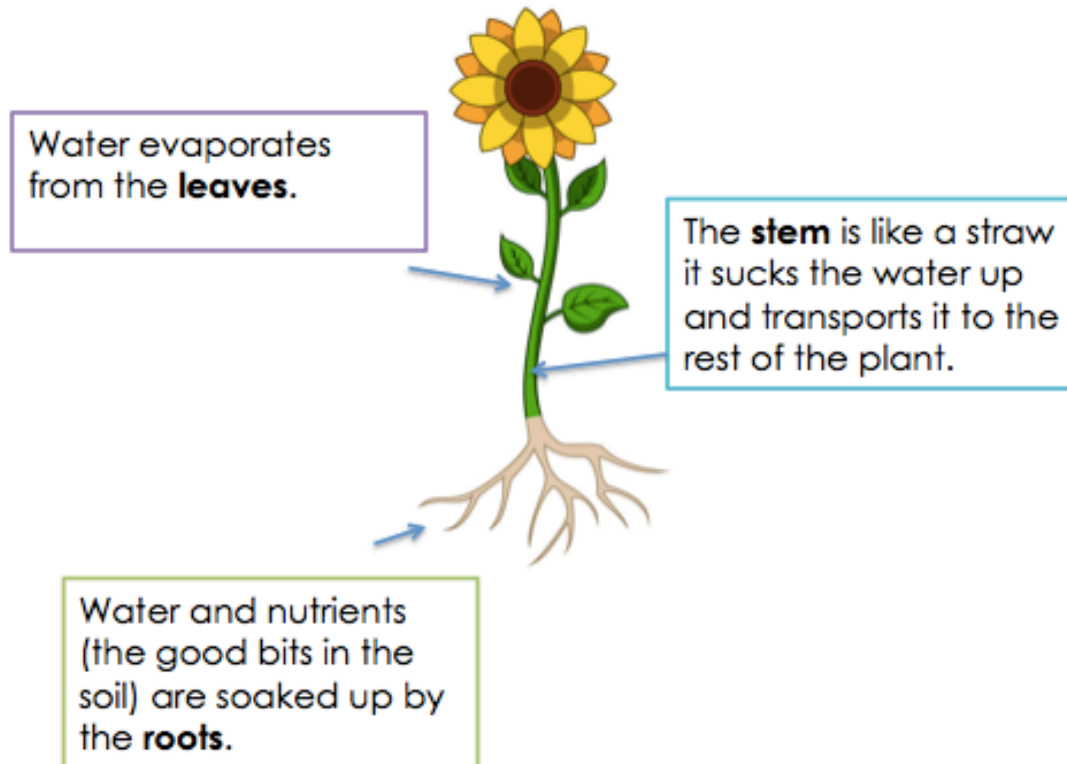
There is also a learn screen on **Education city** and some activities that help to explain this experiment.

**Your task:** Make a poster to explain how water is transported in plants.

Look at my example below to help you 😊

Miss Robertson's example:

## How is water transported in plants?





**Challenge: Watch the video clip again if you need to.**

**Write a few sentences to explain what happened in the experiment. How did the food colouring turn the leaves a different colour?**

<https://www.youtube.com/watch?v=Rz7zmSlvrtA>



Well done on completing your Science work.  
Please send in any photos of your work or any questions  
you have to [yearthree@st-jo-st.dudley.sch.uk](mailto:yearthree@st-jo-st.dudley.sch.uk)

It is always a pleasure to see all of your work.

