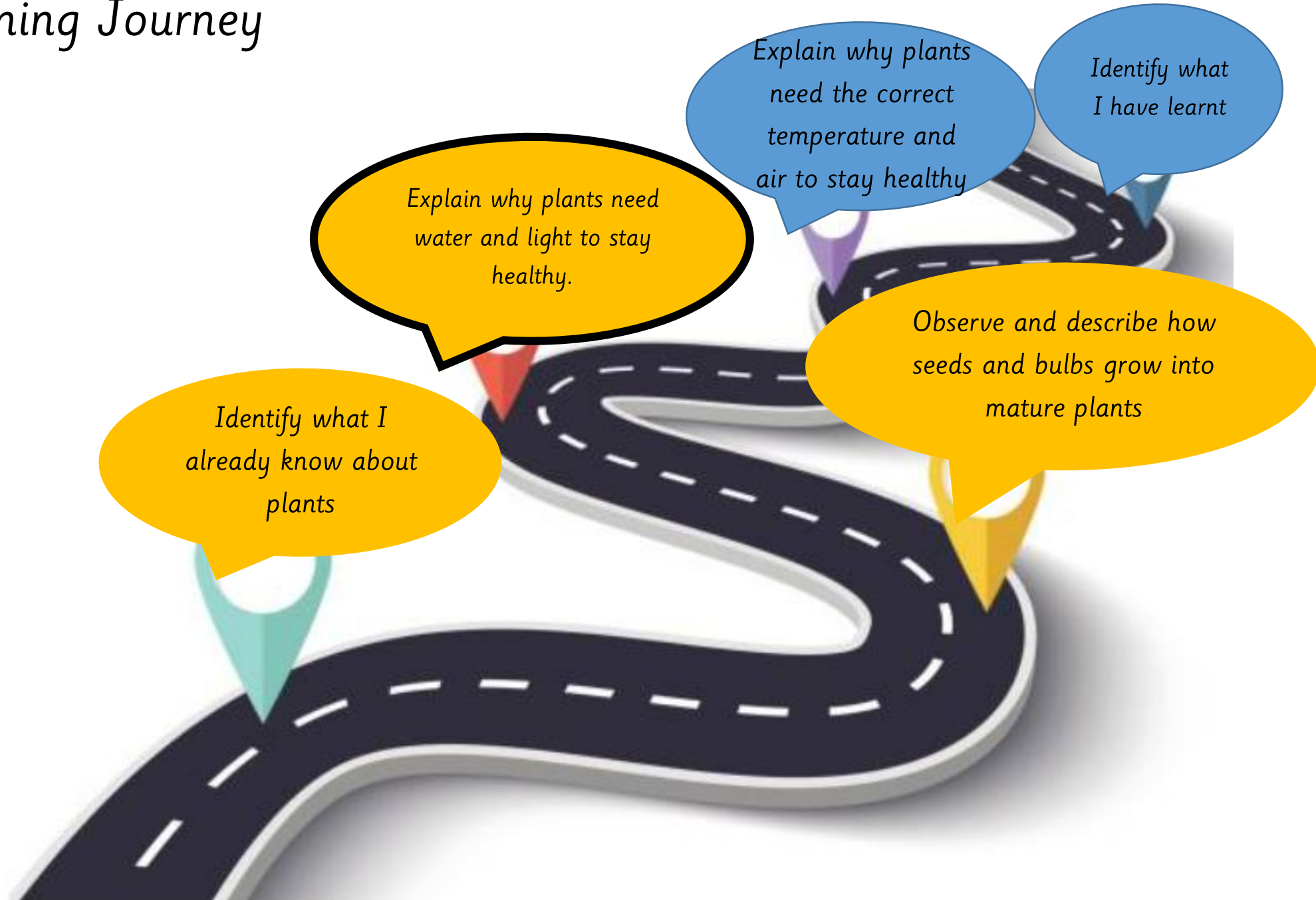
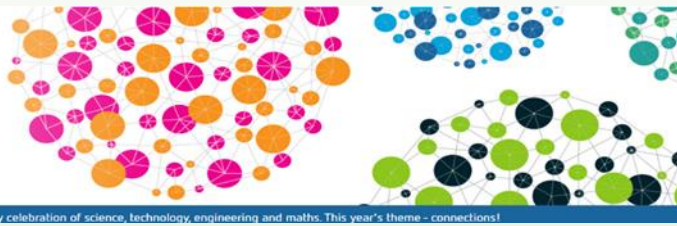


# Our Science Learning Journey



## Key vocabulary:

experiment, predict, observe,  
plant, seeds, water, sunlight,  
soil, temperature, deciduous,  
evergreen, beans



LQ: *Can I explain why plants need sunlight to stay healthy?*

*Steps to Success*



*All: I can observe and describe how plants need light to grow and stay healthy.*

*Most: I know that some trees are deciduous and some evergreen.*

*Some: I can explain the difference between deciduous and evergreen trees.*

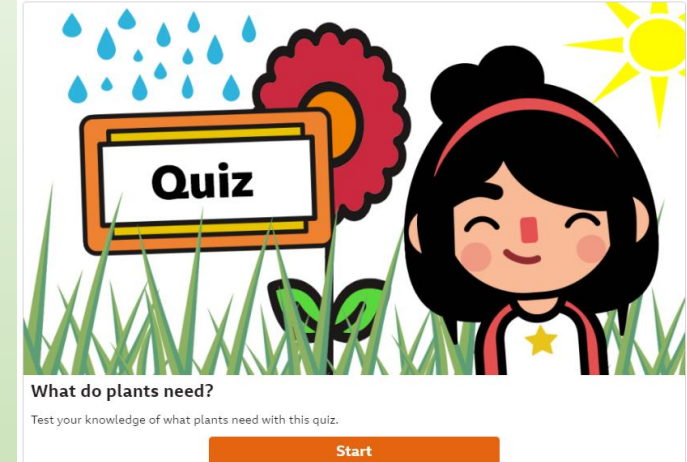
Starter: *Let's recap from previous learning.*

*It's time to have a quiz about how to keep a plant healthy! And the functions of a plant.*

*TPs: What are the four things a plant need to grow and stay healthy?*

*TPs: Can you name the parts of the plant? What are the different functions of the plant?*

Activity 1: Quiz



Activity 2: Quiz





# STAR WORDS

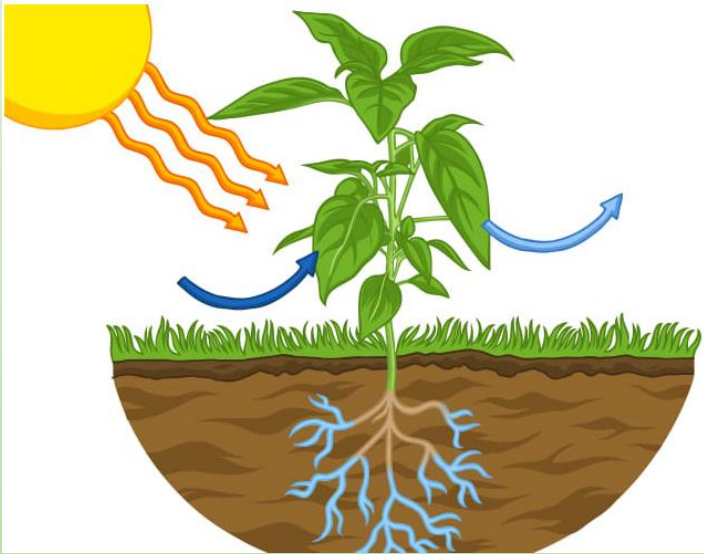
*germinate*



*observe*



*sprouts*



*photosynthesis*



*sunlight*



LQ: Can I explain why plants need sunlight to stay healthy?

Let's recap our learning:

We planted our plants in three different locations:

1. The secret garden (natural sunlight and water)
2. Windowsill in our classroom (no water)
3. Cupboard in the classroom (no sunlight, no water)

TPs:

What did you predict?

Will they all look the same?

What will happened to the plants which had no water?

What will happen if overwatered a plant?



I predict that the plant in the secret garden will/ will not...  
.....because...



*LQ: Can I explain why plants need sunlight to stay healthy?*

*Recap:*

*Last week we mentioned germination.*

*Your class has the pot of chickpeas.*

*Look at the chickpeas:*

*How they changed? Have they germinated?*



[\*What Is Seed Germination? SEED GERMINATION Plant Germination Dr Binocs Show Peekaboo Kidz \(youtube.com\)\*](#)

LQ: Can I explain why plants need sunlight to stay healthy?

Today we observing our plants that we have planted.

We want to find out why plants need sunlight to stay healthy.

TP – Why do plants need light?

Can a plant survive without water?

Which one of our plants does not have any light (natural or artificial)?



Self - Assessment:

Do you know why plants need light to stay healthy?



Reveal after

LQ: Can I explain why plants need sunlight to stay healthy?

We observed our plants in the three different locations:

1. The secret garden (**natural sunlight**)
2. Windowsill in our classroom (**no water**)
3. Cupboard in the classroom (**no sunlight, no water**)



TP – Have they germinated? Have they matured from sprouts to seedlings?  
If so why/why not? Did we water them? What could I write or draw for Week 2?

Let's use the star words to help us with our sentences:

Germinate

grow



photosynthesis

sprout

Seedlings

Week 1	Week 2
Week 3	Week 4



LQ: Can I explain why plants need sunlight to stay healthy?

# Task 1: Write what you observed today.



## Stem sentences:

Plants need light because..

The plant in the secret garden..

The plant on the windowsill..

The plant in the cupboard...

Sunlight is natural light...

Light is important when plants are germinating since..



Let's use the star words to help us with our sentences:

Germinate

grow

photosynthesis

sprout

Seedlings



Self - Assessment:

Do you know what to do?



LQ: Can I explain why plants need sunlight to stay healthy?

Today we are going to be looking at deciduous and evergreen trees. Remember we did this in year 1. Have a look through your books and discuss. Remember though that trees are plants too.

[DECIDUOUS AND EVERGREEN LEAVES | Educational Video for Kids \(youtube.com\)](#)

TPs. What do you remember about evergreen and deciduous trees?

TP - What makes a tree deciduous or evergreen? How does this link to our topic?

Self - Assessment:

Do you understand the difference between a deciduous tree and an evergreen tree?



LQ: Can I explain why plants need sunlight to stay healthy?

## Deciduous trees

Deciduous trees are trees that lose their leaves every year, usually in autumn. In autumn their leaves turn beautiful colours like red, orange, and yellow before falling off. Then, they take a rest during the winter, and when spring comes, they grow new green leaves again.

TPs. Can you think of a deciduous tree?



LQ: Can I explain why plants need sunlight to stay healthy?

## Evergreen trees

Evergreen trees are trees that keep their leaves green all year round, no matter what the weather or season it is.

Here are some examples of evergreen trees.

TPs. Can you name any evergreen trees?



LQ: Can I explain why plants need sunlight to stay healthy? **Task**

We are going to go to the playground and to the secret garden. We are going to have a look at the different trees that we can spot around the school. Let's also try and look at some leaves.

TPs. Can you name the tree by looking at their leaves?



Discuss as a whole class whether the trees in the school grounds are deciduous or evergreen.

What have you found out, write your findings.

I found a \_\_\_\_\_ tree. It is a \_\_\_\_\_ tree because \_\_\_\_\_.

Evergreen

Deciduous

NS. What is the difference between an evergreen and a deciduous tree?

Explain your answer.

Self - Assessment:

Do you know the difference between deciduous and evergreen trees?

