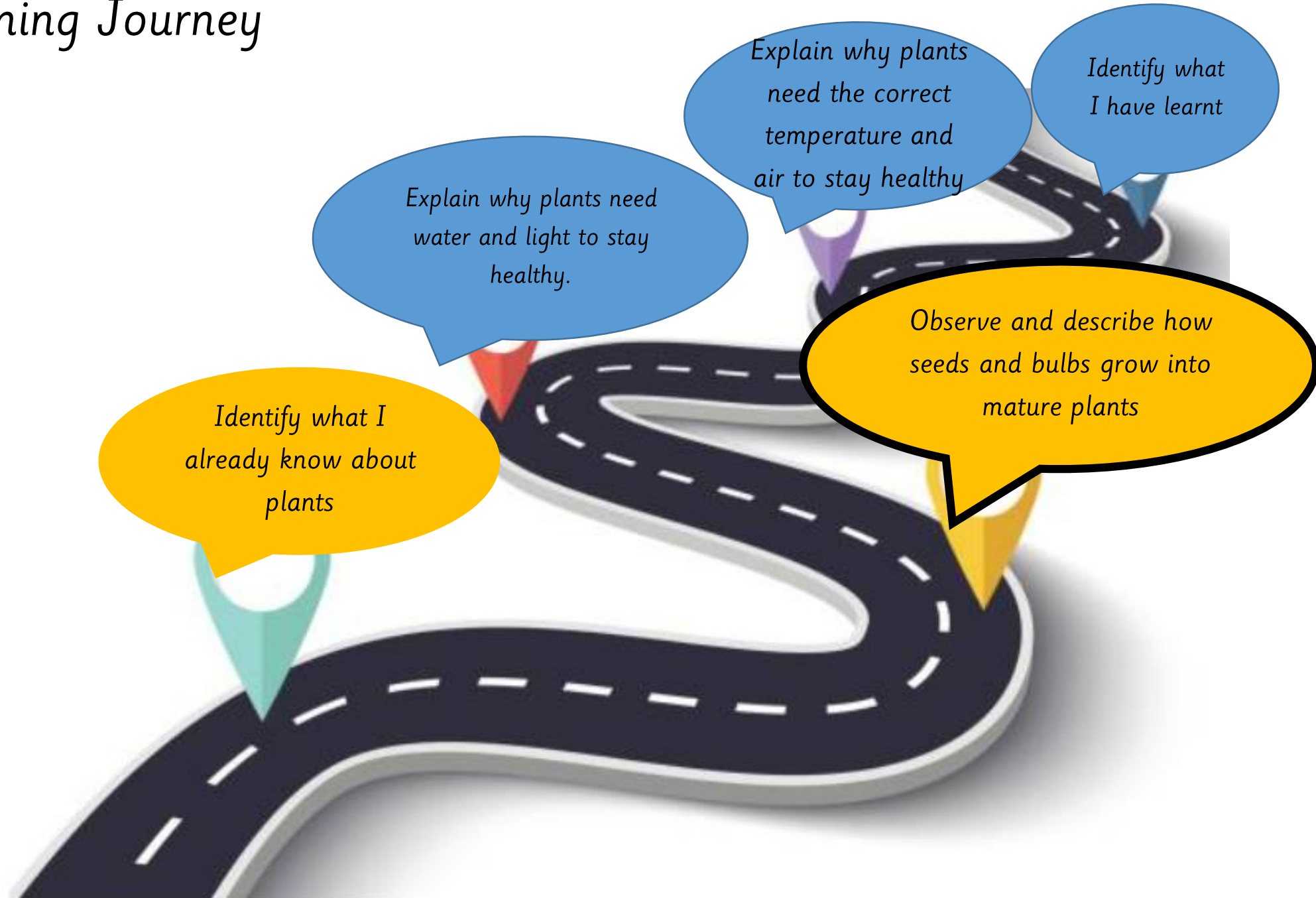


# Our Science Learning Journey



Identify what I already know about plants

Explain why plants need water and light to stay healthy.

Explain why plants need the correct temperature and air to stay healthy

Identify what I have learnt

Observe and describe how seeds and bulbs grow into mature plants

## Key vocabulary:

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

Tuesday 23<sup>rd</sup> April 2024



*LQ: Can I observe and describe how seeds and bulbs grow into mature plants?*

Steps to Success



*All - I can observe a variety of seeds.*

*Most - I know what I need to plant a seed.*

*Some - I can use scientific language to describe how seeds and bulbs grow into mature plants.*

Starter:

Click on the pic for 1 notes

# It's time to have a quiz about the life cycle of a plant!

## Activity 1: Plant lifecycle quiz



**What is the lifecycle of a plant?**

Test your knowledge of the lifecycle of plants with this quiz.

Start

TPs: *What is a life cycle?*





# STAR WORDS

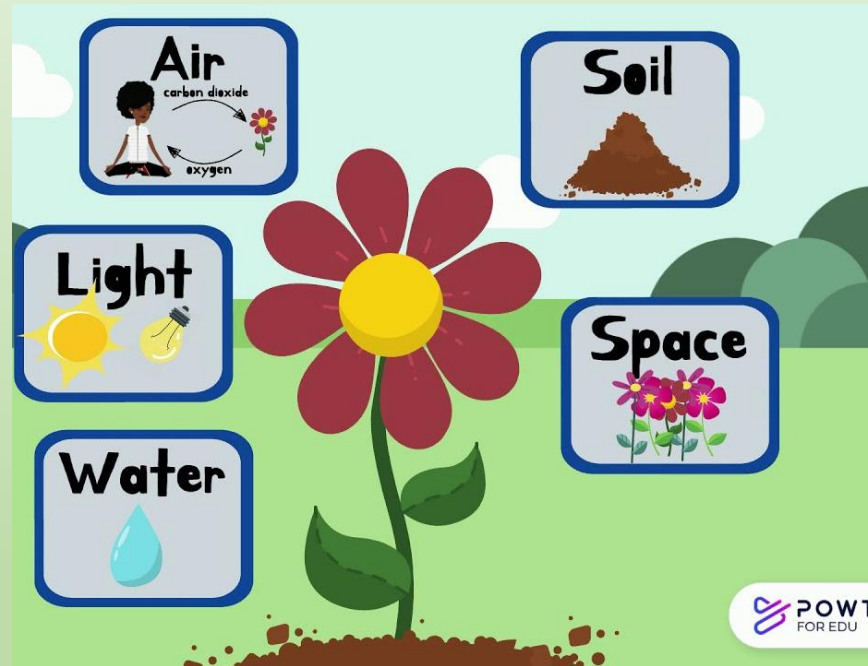


*seed*

*soil*

*bulb*

*sunlight*



*water*



*air*



*plants*

LQ: Can I observe and describe how seeds and bulbs grow into mature plants?

Let's recap our learning:

Last week we went to the secret garden to observe the plants using our street detective skills.

TPs:

What did you see?

Did they all look the same?

What colour were they?

Did they have enough sunlight?

Can you describe how the weather can affect our secret garden?



*LQ: Can I observe and describe how seeds and bulbs grow into mature plants?*

*This term we will be learning about plants growing in a natural environment.*



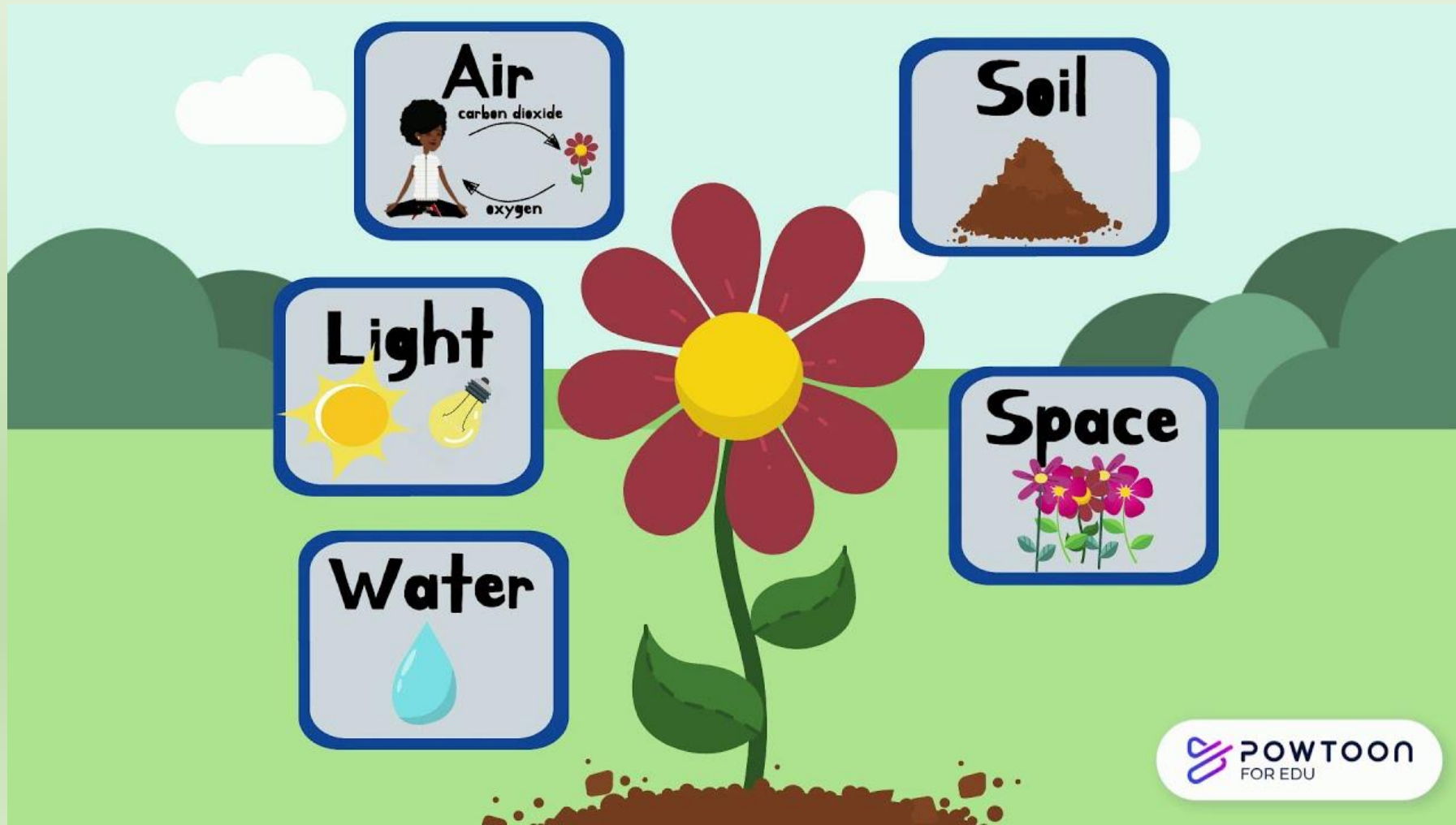
*We will plant seeds and bulbs and we are going to look after the plants throughout the half term.*



LQ: Can I observe and describe how seeds and bulbs grow into mature plants?

Let's recap our learning:

TPs: What do plants need to grow and stay healthy?



Self - Assessment:

Do you know what plants need to grow?



LQ: Can I observe and describe how seeds and bulbs grow into mature plants?

# Task 1: Prediction

Today we are going to plant some seeds and bulbs. We will have three different locations:

1. The secret garden (natural sunlight) patch to plant the seeds.
2. Windowsill in our classroom (no water)
3. Cupboard in the classroom (no sunlight,)
4. Classroom in the sunlight (overwatered)

**Write your prediction in your books.**

TPs: What will we need to plant seeds and bulbs? Why?

I predict that the seeds at \_\_\_\_\_ will  
.....because...

Now let's go to the secret garden.

While you are there memorise how the seeds and bulbs are planted because later you will need to describe it.





*LQ: Can I observe and describe how seeds and bulbs grow into mature plants?*

*TPs: What did we do in the secret garden?*

*What did we need for planting seeds and bulbs?*

Soil



seeds



watering can



shovel



*LQ: Can I observe and describe how seeds and bulbs grow into mature plants?*

*Help me to record our observations on A3 paper.*

*We will put an A3 sheet of paper for each plant in their different locations for our Science display. Every week we will add some information about our observations about plants.*

*TP - What could I write or draw for Week 1?*

<i>Week 1</i>	<i>Week 2</i>
<i>Week 3</i>	<i>Week 4</i>

LQ: Can I observe and describe how seeds and bulbs grow into mature plants?

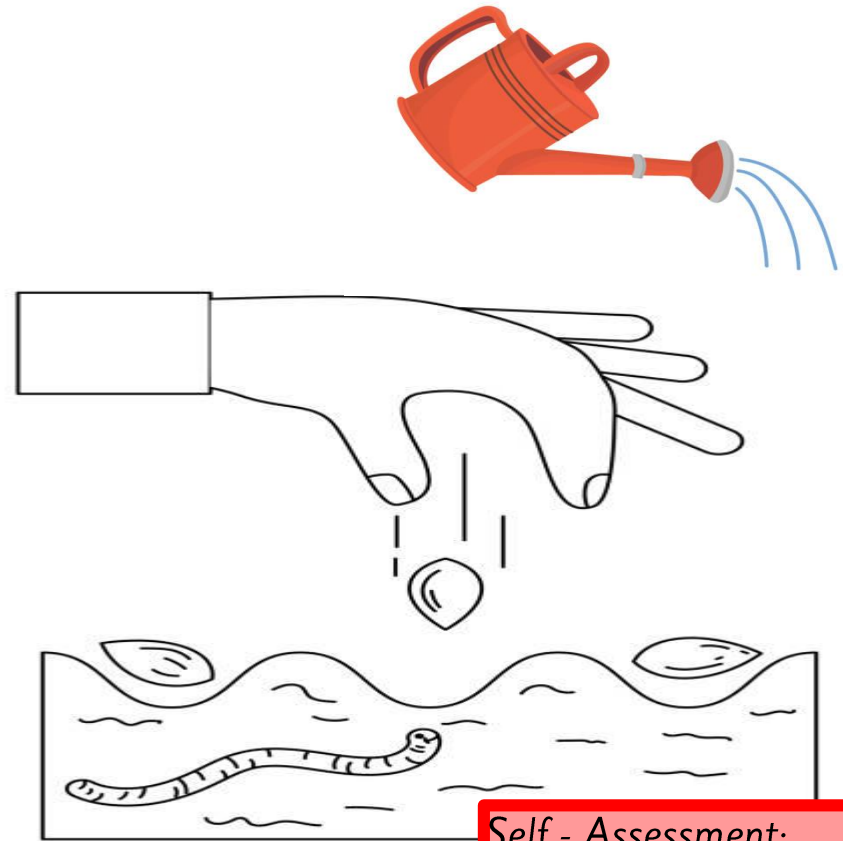
*Next Steps: What did we do today?*

*Did we have seeds or bulbs?*

*Where did we plant them?*

*Did we water them?*

*What else did we do?*



Self - Assessment:

Do you know what to do?

