

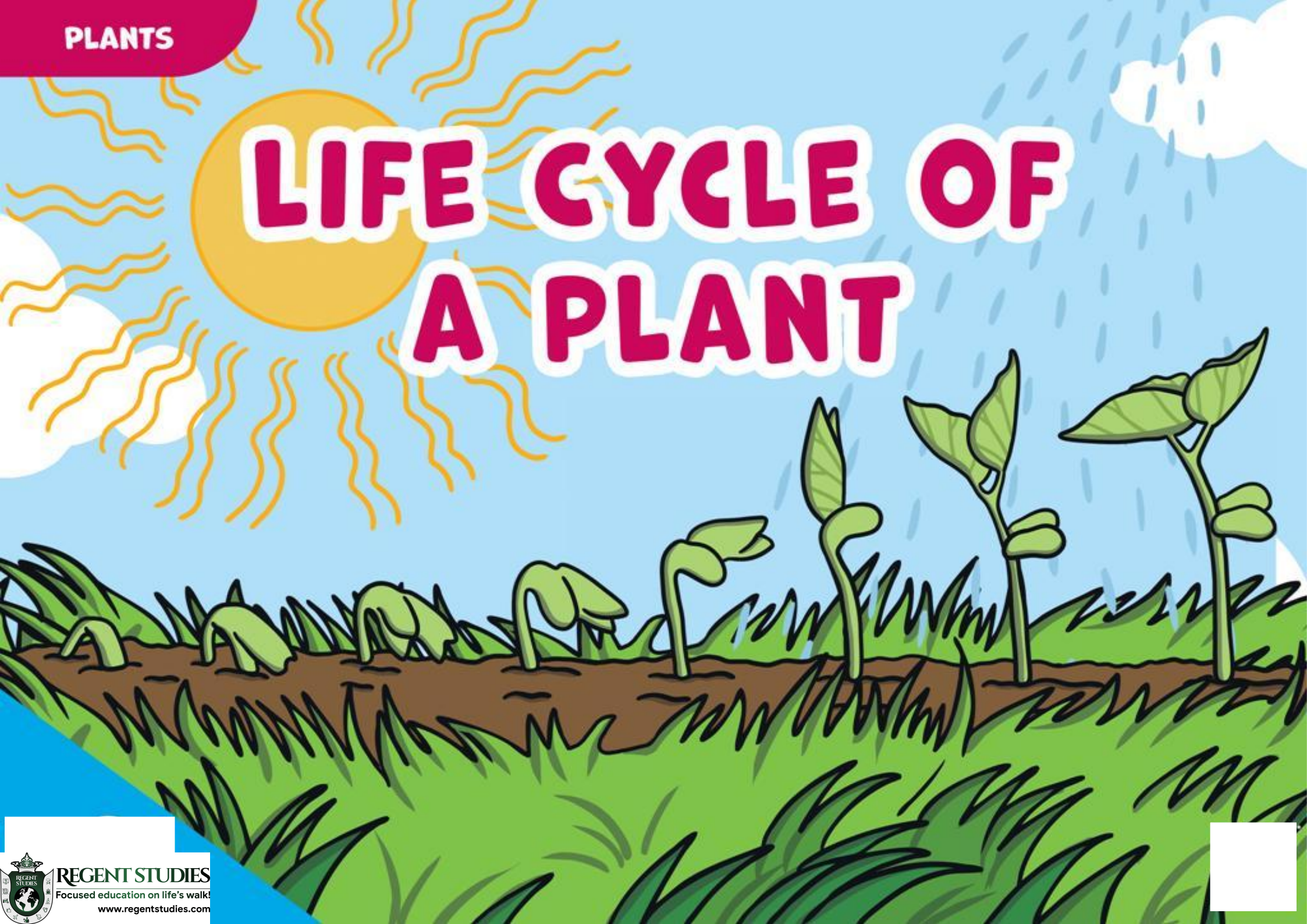


# Science

## Plants



# LIFE CYCLE OF A PLANT



# Meet Quizby!

Can you spot me in the  
**Lesson Presentation?**

The questions that appear will help you to think about the key learning throughout the lesson.



# Aim

- To describe the life cycle of a plant.

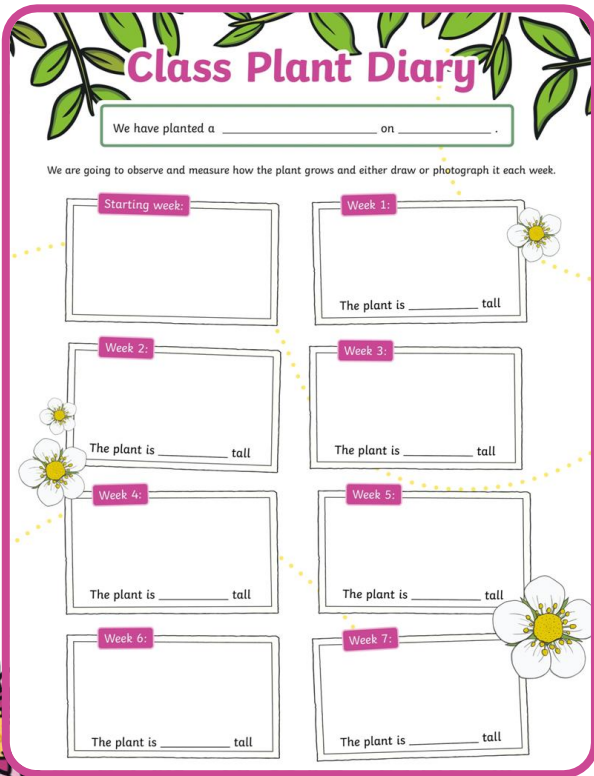
# Success Criteria

- I can explain how a plant changes as it grows.
- I can put the stages of a plant's life cycle in order.
- I can say which stage of its life cycle a plant is in.



# Remember It

Let's look at our class plant and see how it is growing. We can measure its growth and draw or photograph it for our **Class Plant Diary** from Lesson 1!



**Class Plant Diary**

We have planted a \_\_\_\_\_ on \_\_\_\_\_.

We are going to observe and measure how the plant grows and either draw or photograph it each week.

<b>Starting week:</b> [ ] The plant is _____ tall	<b>Week 1:</b> [ ] The plant is _____ tall
<b>Week 2:</b> [ ] The plant is _____ tall	<b>Week 3:</b> [ ] The plant is _____ tall
<b>Week 4:</b> [ ] The plant is _____ tall	<b>Week 5:</b> [ ] The plant is _____ tall
<b>Week 6:</b> [ ] The plant is _____ tall	<b>Week 7:</b> [ ] The plant is _____ tall



**Class Plant Diary**

<b>Week:</b> [ ] [ ] The plant is _____ tall	<b>Week:</b> [ ] [ ] The plant is _____ tall
<b>Week:</b> [ ] [ ] The plant is _____ tall	<b>Week:</b> [ ] [ ] The plant is _____ tall
<b>Week:</b> [ ] [ ] The plant is _____ tall	<b>Week:</b> [ ] [ ] The plant is _____ tall
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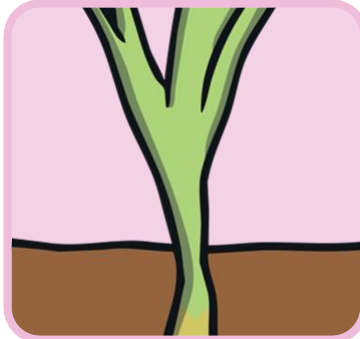


# Remember It

Can you match the part of the plant to its name?



roots



stem



fruit



leaves



flower

stem

leaves

Can you tell your partner what  
any of these parts are used for?

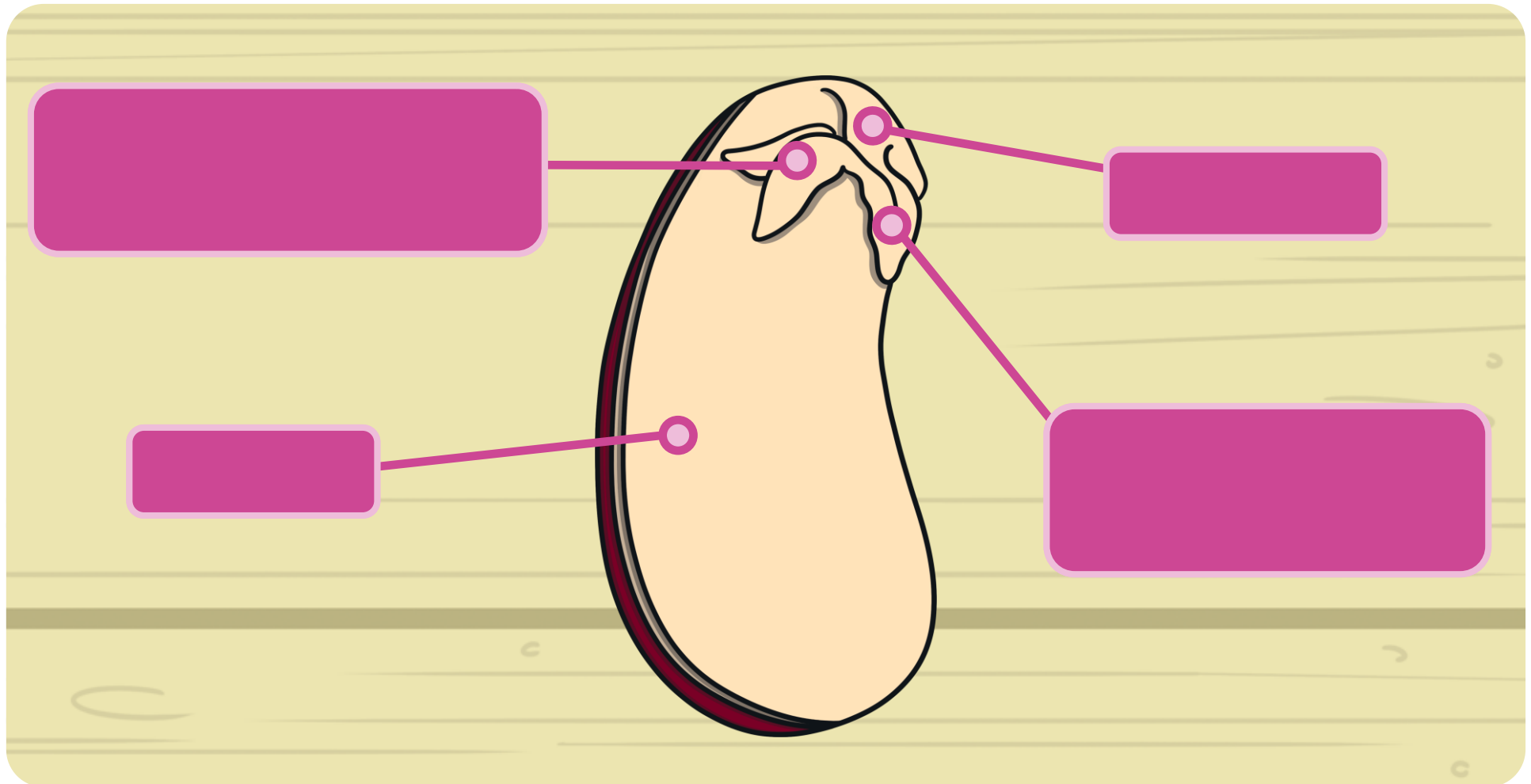
fruit

flower

roots

# Remember It

Here is the inside of a seed. Can you explain what each part is?

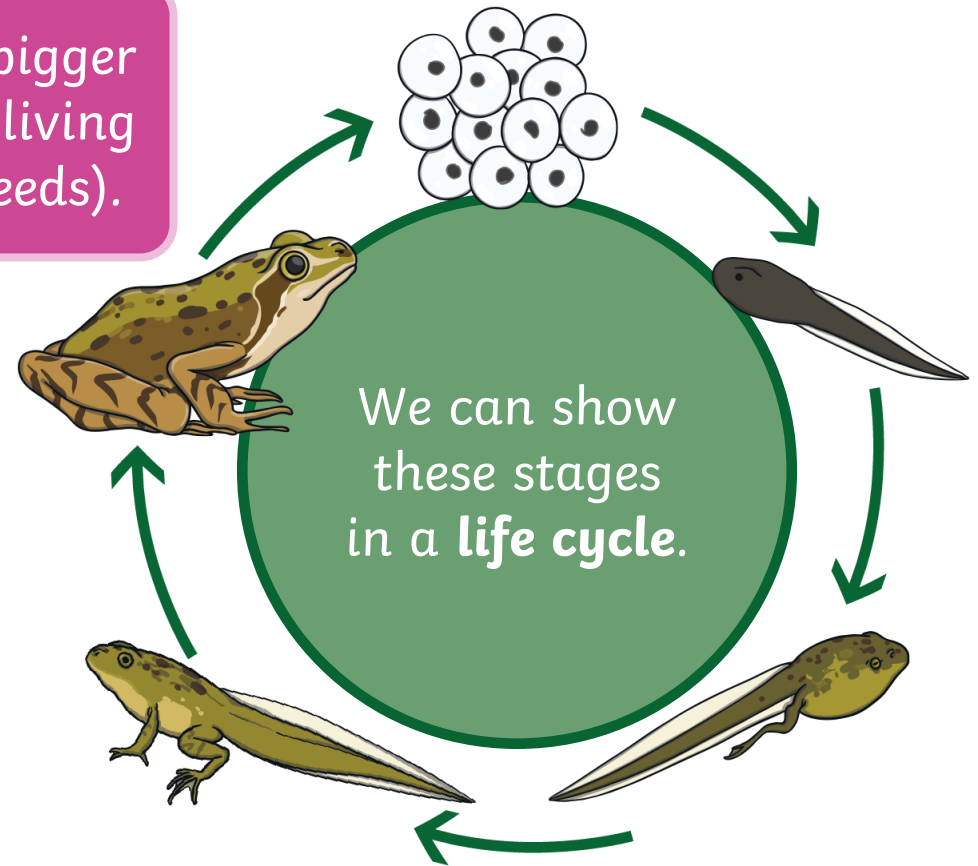


# Life Cycles

We have learnt that all types of living things have some things in common.

They all start to grow. They all grow bigger as they get older. They all create new living things (by having babies or making seeds).

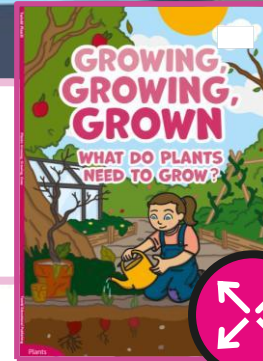
How is this life cycle of a frog **similar** to the life cycle of any other living things?





# Growing, Growing, Grown

Let's learn more about **plant life cycles** in the **Growing, Growing, Grown eBook**.



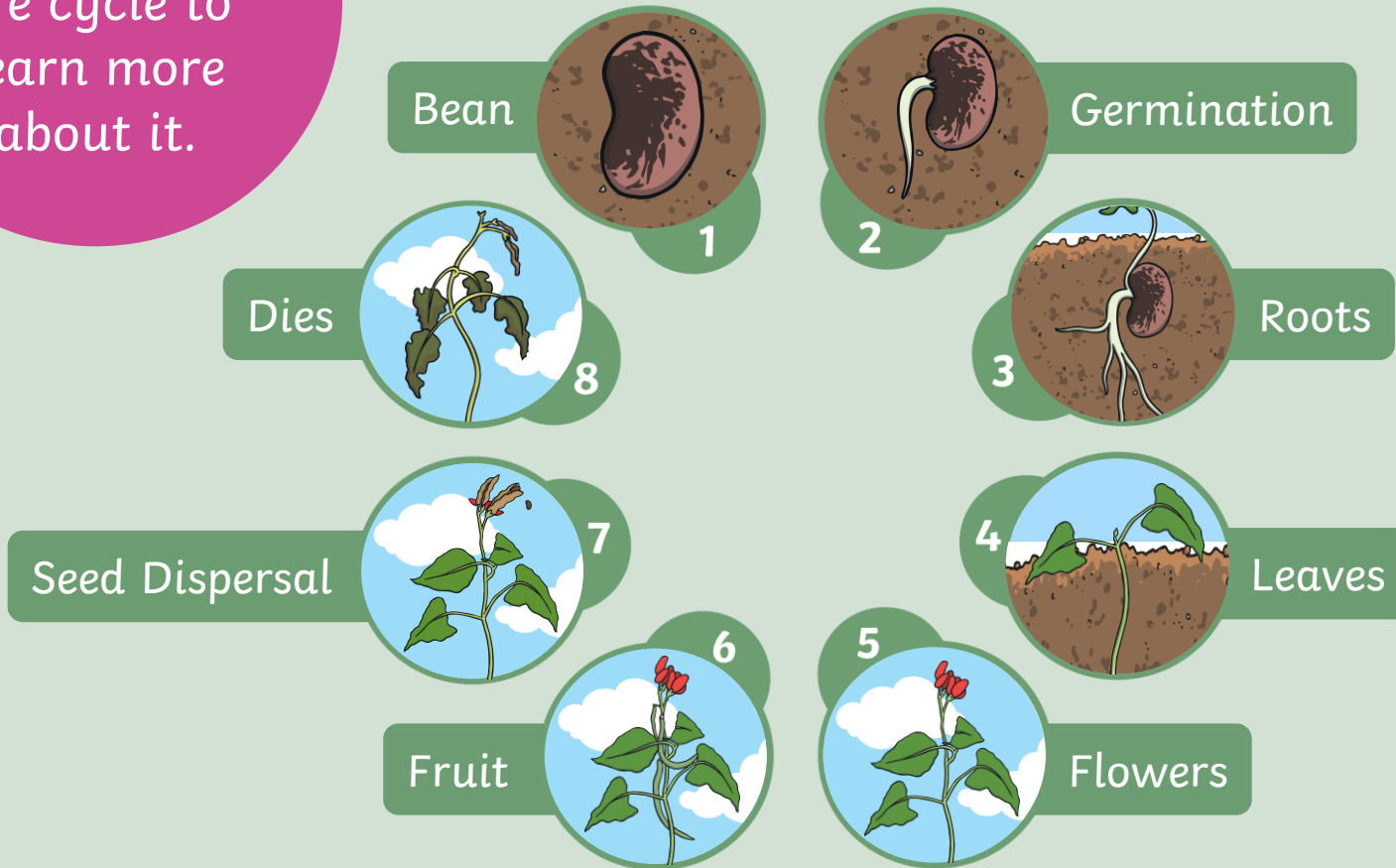
Let's read up to the end of page 18 together.



# Life Cycle of a Plant

We have read about the life cycle of a bean plant.

Click each stage of the life cycle to learn more about it.



# More About Germination

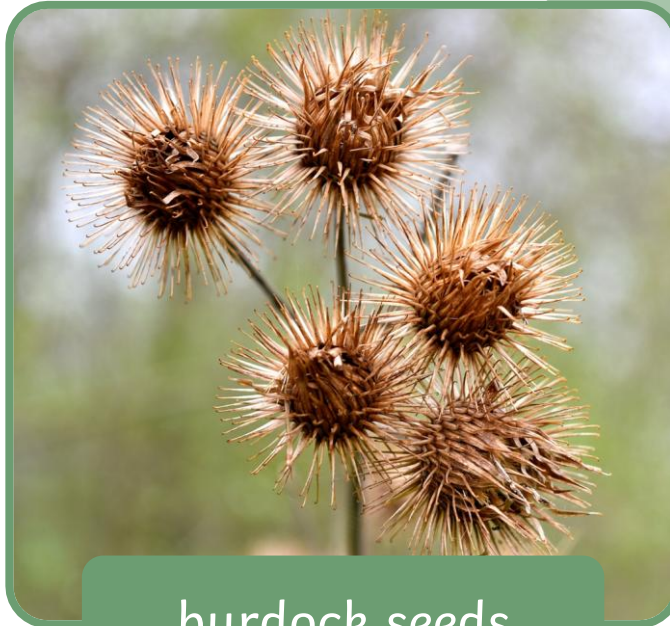
This video shows some seeds **germinating** over hours and days. It has been sped up, so that you can see how the **shoot, roots** and **leaves** begin to grow.



# More About Seed Dispersal

Some plants use **fruit** to disperse their seeds (like apples, berries and acorns), but some plants don't make fruit. Instead, their seeds can be spread in other ways.

spread by the wind.



burdock seeds

Some seeds, like burdock seeds, have a spiky or sticky coat. This means they get stuck on an animal's fur and 'hitch a ride' to somewhere new.

# Life Cycle of a Bean Plant

Complete the **Life Cycle of a Bean Plant Activity Sheet**.

## Life Cycle of a Bean Plant

To describe the life cycle of a plant.

Cut out the pictures to complete the bean plant life cycle.

1 Bean

2

3

4 Leaves

5

6 Fruit

7

8

### Challenge!

Can you explain what happens during these stages of the plant's life cycle? Use the word bank to help you.



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### Word Bank

conditions water roots shoots grow  
bees stem leaves light food seeds

# Which Stage of its Life Cycle?

Which of these plants do you think is **younger**?  
Explain how you know.



# Which Stage of its Life Cycle?

Look at the plants below. Use what you know about life cycles to decide which stage of its life cycle each of these plants is in. Explain how you know.

1.



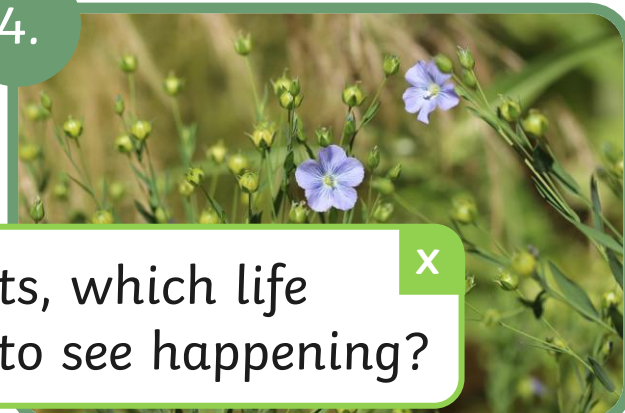
2.



3.



4.



When we make **observations** of plants, which life cycle stage is it more difficult for us to see happening?

X

# Aim



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# Success Criteria

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