

# Plants- Year 2 Knowledge Organiser

What should we already know?



- What a plant is.

## Plants

- Describe what happens to a seed or bulb after it is planted.
- Describe the life cycle of a flowering plant.
- Use evidence from my investigations to identify what a seed needs to germinate.
- Use evidence from my investigations to identify what a plant needs to grow and stay healthy.
- Compare germination and growth between different seeds and bulbs.

## Key Vocabulary

- Germination: when in the right conditions, the seed soaks up the water and swells, and the new plant bursts out of its shell.
- Sprout: when a plant grows new shoots.
- Shoot: this grows upwards from the seed or plant to find sunlight.
- Seed dispersal: when the seeds move away from the parent plants by the wind or by animals.
- Sunlight: light from the sun, which plants need to grow.
- Water: plants need this to grow, and for seeds and bulbs to germinate.
- Temperature: how warm or cold something is.
- Nutrition: food or nourishment- plants make their own food in their leaves using sunlight.

## Key Skills

Children will be planting different plants, and using observation over time to track their growth. From this, they will draw conclusions about the best conditions in which to grow a plant.

## Assessment

- Name the different things plants need to grow.
- Describe the different things plants need to grow.
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- Explain what a plant needs to grow and why.

# Plants- Year 2 Knowledge Organiser

1. Name three things that plants need to grow:

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2. What is a bulb?

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3. How can we keep a plant healthy?

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4. What does temperature mean?

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5. What job do the roots do?

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