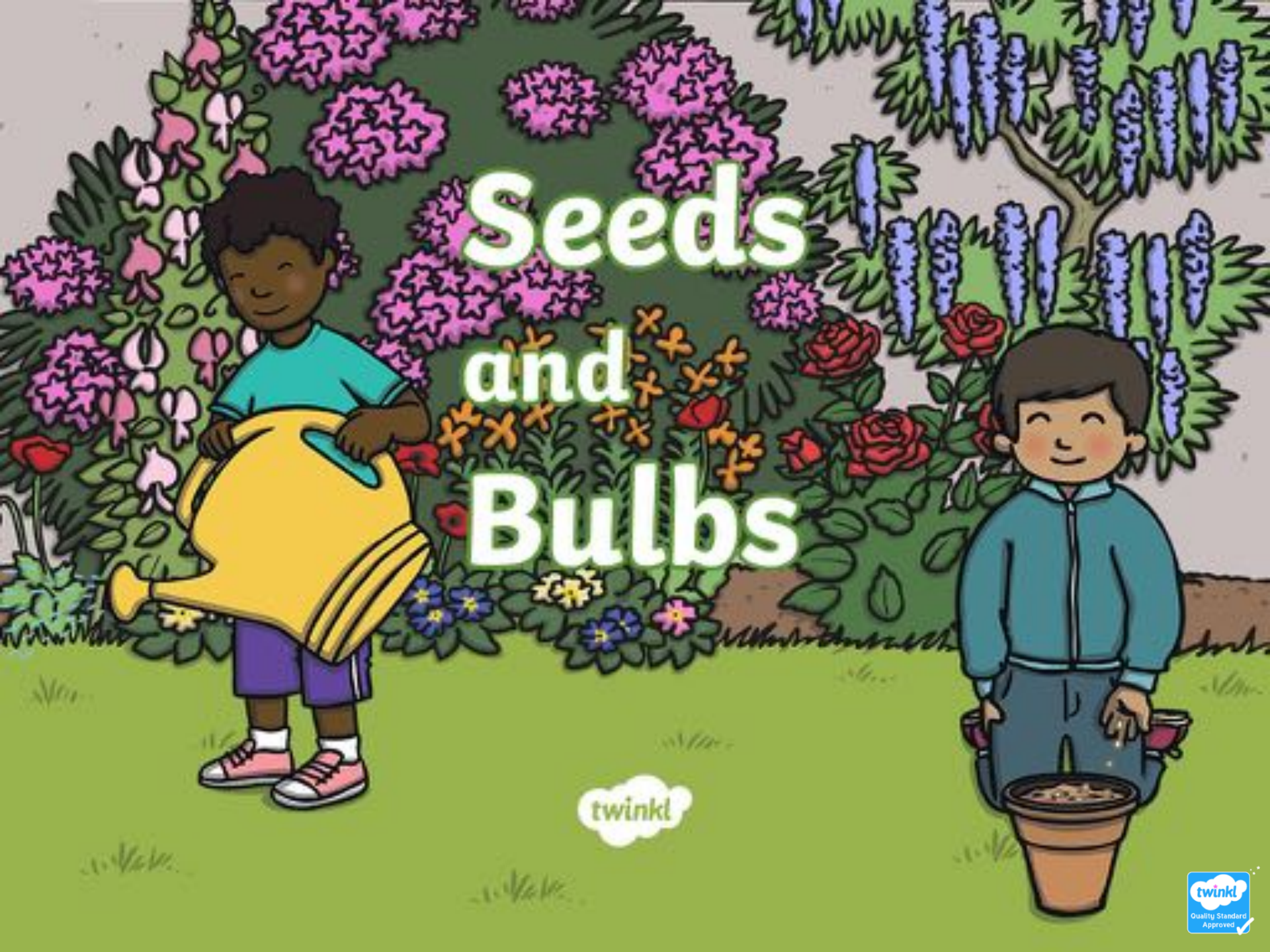

Seeds
and
Bulbs
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Aim

- I can plant seeds and bulbs and suggest how to care for them.
- I can set up a test and make a prediction.

Success Criteria

- I can follow instructions to plant a seed and a bulb.
- I can suggest how to care for a plant so it grows well.
- I can set up a simple test to show what plants need to grow well.
- I can predict which plants will grow well and which will not.






We will be learning about...

Plants

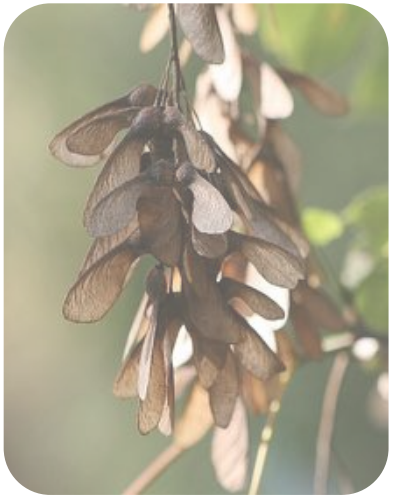






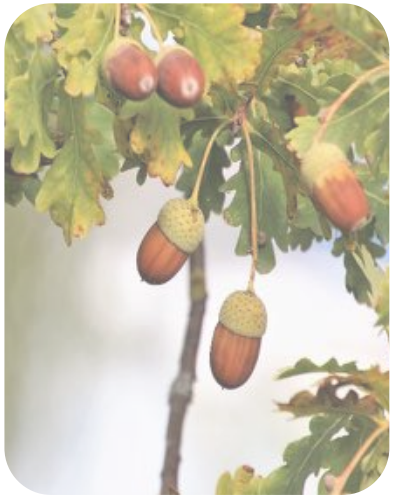



Seeds and Bulbs

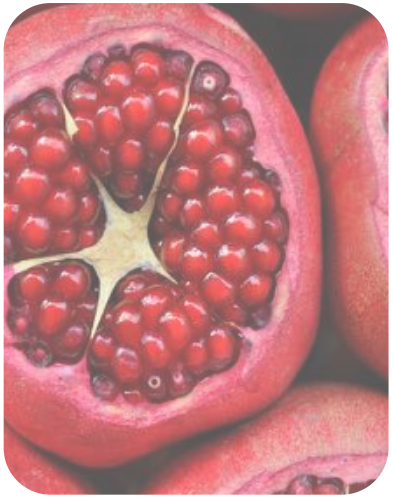








The first stage in the life cycle of most plants is a seed. Seeds come in all shapes and sizes. Every plant has a different seed.









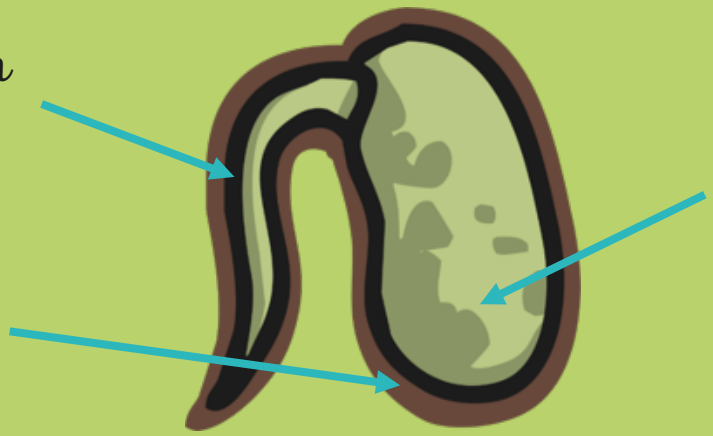
Seeds and Bulbs

Every single seed has the beginnings of a new plant inside it, along with a little store of food to help it grow.

When the conditions are right, the seed soaks up water and swells, and the tiny new plant bursts out of its shell. This is called **germination**.

Embryo:
The tiny root and shoot which will grow into the adult plant.

Seed Coat:
A tough outer covering.



Food Store:
A store of food for the young plant to use until it has grown enough to make its own food.

Seeds and Bulbs: Germination





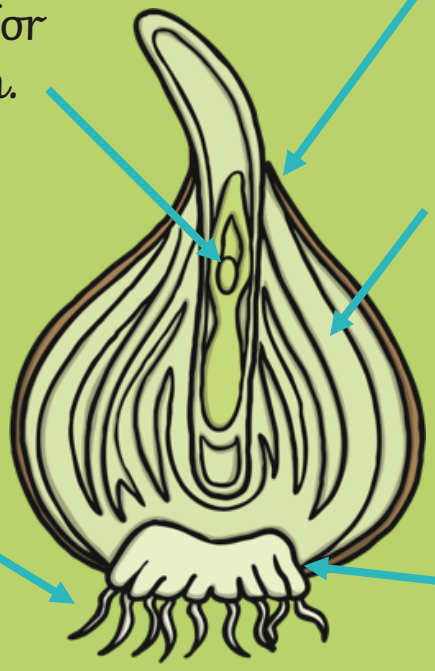




Seeds and Bulbs

Some plants grow first from a seed, and then develop a bulb that helps them to grow back year after year.

A bulb lets the plant rest underground over the winter when it is too cold, then grow back later in the year when conditions are right.



Seeds and Bulbs

Here are some common plants that grow from bulbs.











What Do Plants Need to Grow?

Seeds and bulbs need to wait for conditions to be just right before seeds can germinate and bulbs can sprout new growth.

What do you think that plants will need so they can sprout and grow well?



Experiment



You could try planting some seeds.
Spring it the perfect time of year to plant many seeds.

If this isn't possible for you at home, skip to slide 13.



Planting

You will need:

- 1 test seed
- 1 dwarf sunflower seed
- 1 paperwhite narcissus bulb
- 3 plant pots
- Soil



Planting

1

Fill your pot half full of soil.



2



Plant the seed or bulb in the soil.

3

Cover the seeds and bulbs with more soil.



4



Put the seeds and bulbs in a warm and sunny spot.

Seed or Bulb? Quiz

Whole Class

On the next slides are some foods that we eat.

Can you guess if the food is a seed or a bulb?



Peas



Seed

Bulb

Peas



Correct!

A pea is a seed. Well done!

Peas



Bad luck!

A pea is actually a seed.

Onion



Seed

Bulb

Onion



Correct!

An onion is a bulb. Well done!

Onion



Bad luck!

An onion is actually a bulb.

Coconut



Seed

Bulb

Coconut



Correct!

A coconut is a seed. Well done!

Coconut



Bad luck!

A coconut is actually a seed.

Sweetcorn



Seed

Bulb

Sweetcorn



Correct!

A corn kernel is a seed. Well done!

Sweetcorn



Bad luck!

A corn kernel is actually a seed.

Garlic



Seed

Bulb

Garlic



Correct!

Garlic is a bulb. Well done!

Garlic



Bad luck!

Garlic is actually a bulb.

Aim



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It would be great to see what we remember about plants from Year 1.

Can you draw a picture of a plant and label the different parts.

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