

# Seeds and Bulbs





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# 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.



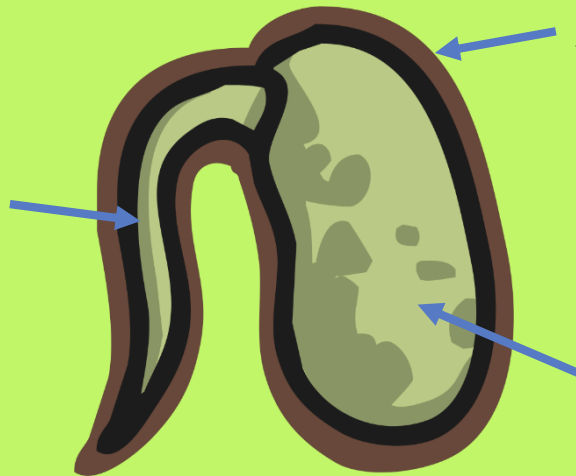
# Seeds and Bulbs

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.

# Here are some different seeds germinating.



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# 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.

## Flower Bud:

Future flower stored inside the bulb for protection.

## Tunic:

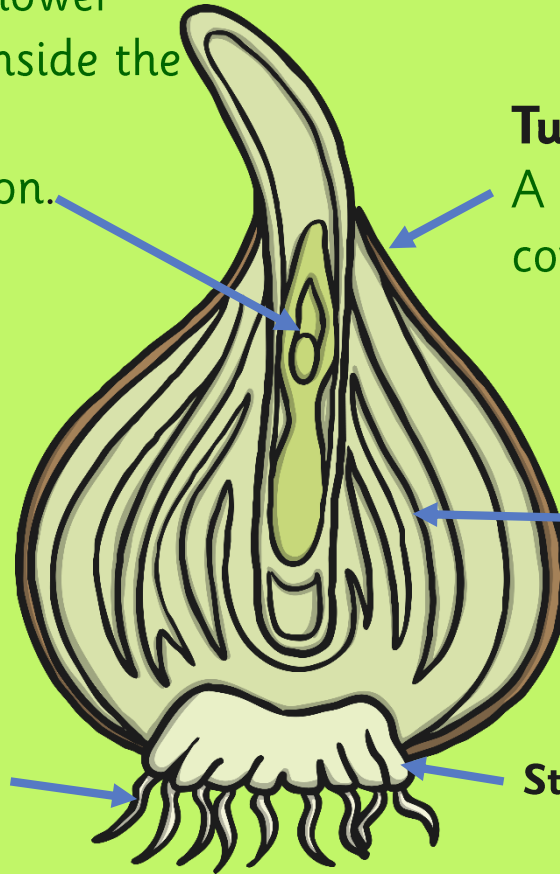
A papery outer covering.

## Scales:

Thick leaves that store the food.

Roots

Stem



# Seeds and Bulbs

Here are some common plants that grow from bulbs.

Daffodils, tulips, snowdrops, lilies and alliums.



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# Seed or Bulb? Quiz



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



A pea is a seed.

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**Onion**



Seed

Bulb

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An onion is a bulb.

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# Coconut



Seed

Bulb



A coconut is a seed.

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# Sweetcorn



Seed

Bulb

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A corn kernel is a seed.



# Garlic



Seed

Bulb



Garlic is a bulb.



{ Daisy }

{ Seeds }