

How do plants grow?

Here we go!

Seed leaf True leaf

Most flowering plants begin life as a seed. Seeds are little packets that contain everything a new plant needs to grow – the baby plant itself and food to get it started.

Seeds will only start to grow when the conditions are right. The seed takes in water, which makes it swell and split the seed case. The main root emerges and reaches down into the soil.

The seed then sends up one or two tiny leaves. These are called cotyledons, or seed leaves. These are quickly followed by the first true leaves. The seedling can now begin to make its own food.

Flowers – the inside story

Seeds form inside flowers. If you slice down through a flower you will see that at the base is a swollen chamber called the ovary. Leading to the ovary is a tube called the style, which has a sticky end called a stigma. Pollen is carried onto the stigma by the wind or insects. The pollen travels down the style to fertilize the ovules. The flower then falls off and the fruit starts to grow.

Flowers also use scent to attract pollinators.

Stigma

Style

Ovary
This contains the ovules, which become the seeds.

Stamens
These produce pollen grains.

Petals
are coloured to attract insects.

Found within: *RHS -Garden Projects (2012) Royal Horticulture Society*

Create a kebab

Top tip

Another good recipe is to grate courgette and mix the gratings with whisked up egg, onion, and grated cheese. Fry the mixture in a frying pan until light brown on both sides.

Planning a barbecue, or need a tasty side dish? Then try out this colourful kebab.

1 Carefully thread some slices of yellow pepper, courgette, and baby corn and some cherry tomatoes onto some skewers or kebab sticks.

2 Using a pastry brush, baste the vegetables with some olive oil before placing them onto a griddle or barbecue, or under the grill. Watch them and ask an adult to turn them over a few times during cooking so that the vegetables will brown all over.

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Pukapuka/Story



https://www.youtube.com/watch?v=2bgPFF_jy7c

Enjoy this Aotearoa pūrākau, please click on the link above. Also feel free to head to the Kindergartens South Facebook page to enjoy listening to stories read/told by Kaiako/teachers and tamariki.

Science experiments for home



<https://www.youtube.com/watch?v=McVpXiSttnU>

Click on the link above for some science experiments that you may like to try at home.

Getting active with this scavenger hunt!

Head out to your garden or the local park to have a look for all the things listed in this picture. You may like to send us through some pictures of what you find. Email them through to cathy.puna@ska.co.nz or through messenger to the Kindergartens South Facebook page.

Gratitude Scavenger Hunt

1. Find something that makes you happy.
2. Something to give someone else to make them smile.
3. Find one thing that you love to smell.
4. Find one thing you enjoy looking at.
5. Find something that's your favorite color.
6. Find something you are thankful for in nature.
7. Find something that you can use to make a gift for someone.
8. Find something that is useful for you.

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