

POWERFUL POLLINATORS

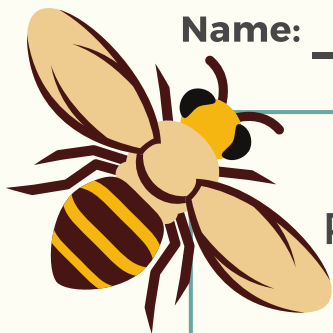


ReForest London
planting the future today

**adapted from David Suzuki Foundation's "Connecting with Nature"

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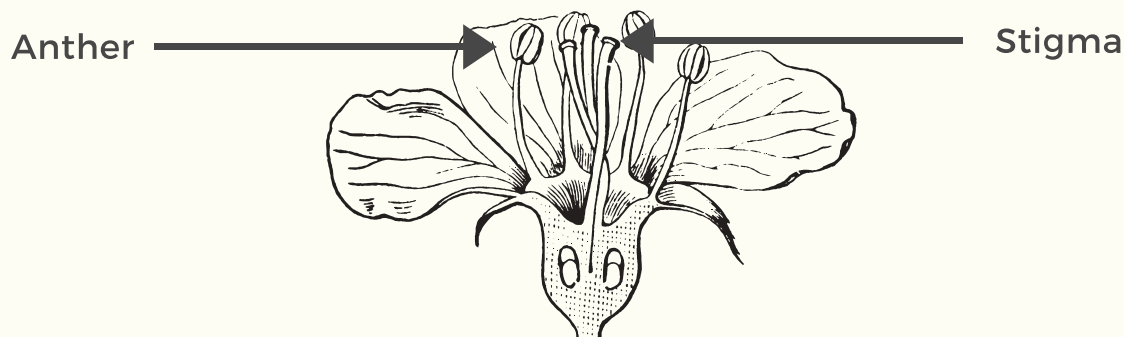


HOW DO WE DEPEND ON POLLINATORS & HOW CAN WE PROTECT THEM?

Materials:

- Shallow bowl
- Access to the internet
- Rocks

Pollinators are animals and insects that pollinate flowers. Pollination occurs when the pollen (the yellow powder in the middle of a flower) is moved from one part of the flower to another. The **anther** is the male part of the flower; it produces the pollen. The **stigma** is the female part of the flower; it traps pollen so the flower can be fertilized.



Once a flower is fertilized, it can produce fruits and seeds.
90% of flowering plants rely on pollinators for fertilization.
In your kitchen, how many items can you find that are produced
from pollination?

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Do some research about pollinators and fill out the squares below.

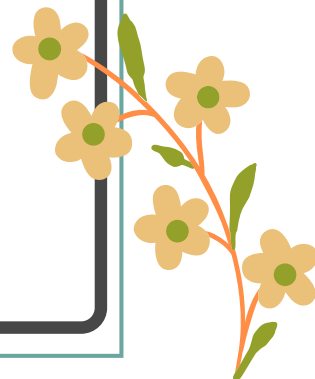
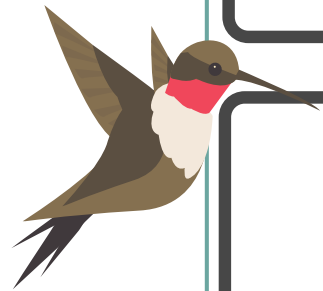
List some pollinators:

What do they pollinate?

Why do we depend on pollinators?

Why are pollinator populations declining?

How can we help pollinators?



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MAKE A BEE BATH

Instructions:

1. Line a shallow bowl with rocks.
2. Add water, making sure that part of the rocks remains above the water line. This provides a safe place for bees, butterflies, and other insects to land.
3. Place the bee bath on the ground in your garden, near your plants. If you place it near plants that attract pest insects, the beneficial insects will come visit the bath and take care of the pests.
4. Refresh the water daily by adding a little fresh water to replace what evaporated.

OTHER WAYS TO HELP POLLINATORS

Plant native plants and start a 'pollinator garden' filled with lots of different flowers to feed many types of pollinators

Avoid pesticides in your garden

Plant milkweed in your garden or neighbourhood

Spread the word about the importance of pollinators to our food sources!

