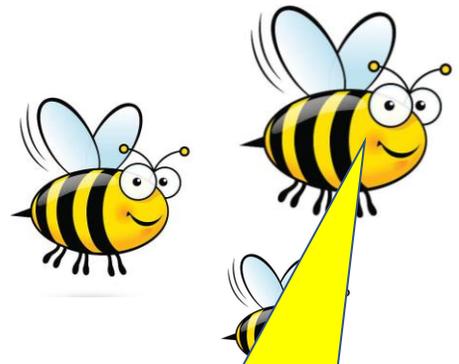




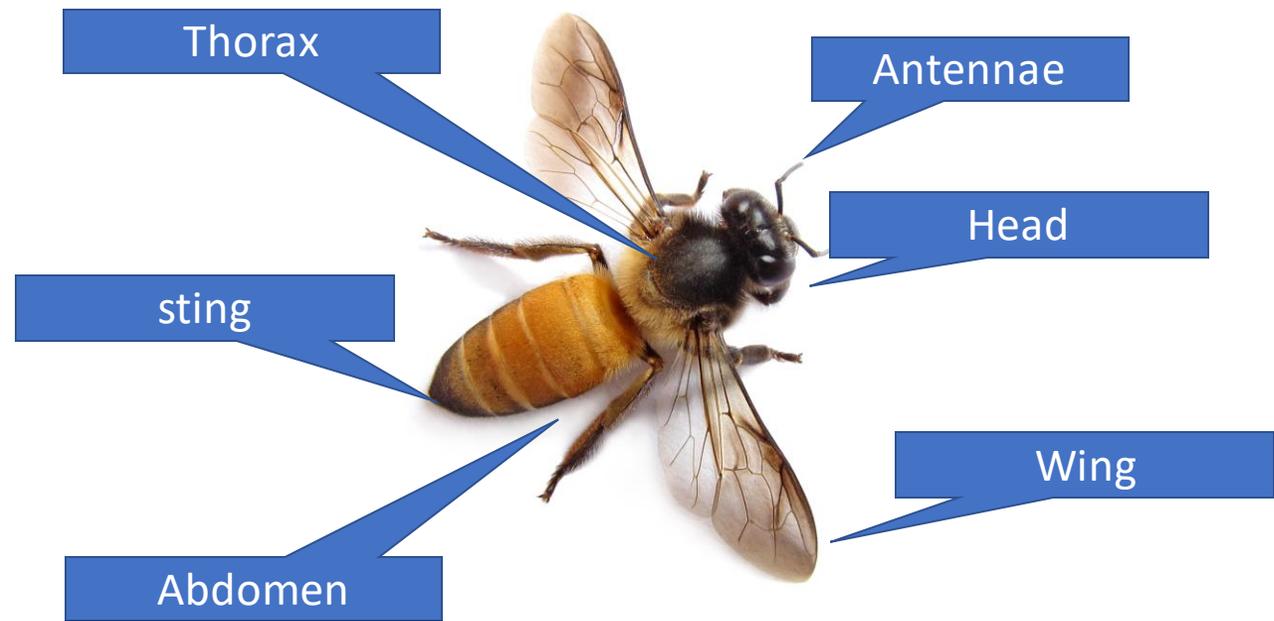
# Brilliant Bees

A report on a great creature

By Aedan Campbell P4



Bees are flying insects closely related to wasps and ants, known for their role in pollination and, in the case of the best-known species, the western honey bee, for producing honey and beeswax.



**Fun fact!**  
A honey bees wings can flap 11,000 times a minute, which makes the buzzy sound!!!

# Some Bee Types

- Honey Bees



- Honey Bees are social insects. This means they all hang about with each other.
- They are super important pollinators for flowers, fruit and veg.
- Honey bees live in hives and colonies.
- There are 3 types:
  - Queen
  - Worker
  - Drone
- They are fab flyers and can fly up to 25km per hour.
- Makes a lot of good honey!!!

- Killer Bees



- Also called Africanized Honey Bees
- They are smaller than our honey bees here in Europe
- They can attack in groups of over 100 and can kill large mammals. Even humans!!
- They are very defensive and aggressive and will attack you without any reason so WATCH OUT!
- They can be found in Africa and also came to America a few years ago. They can be found in New Mexico and Florida. Hopefully not in Disney Land!!

- Bumble Bees



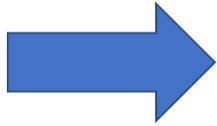
- They are big and fuzzy.
- They seem scary but they are actually friendly and gentle
- Unless you try to hurt them.
- They only make a little honey but they are great pollinators.
- They live in burrows not hives.
- They can sting more than once.
- There are over 225 different species.
- There are 3 types:
  - Queen
  - Worker
  - Drone





Bees make honey in their hives.

Worker bees gather nectar and bring it to the hive.



They put it in the worker bees mouths in the hive.



The bees store it in their honey tummy!



**Fun fact!**  
It takes 12 worker bees to produce 1 teaspoon of honey!!!



The bees cool the honey and make it thick by flapping their wings.



# Honey



# Pollination



## What is pollination?

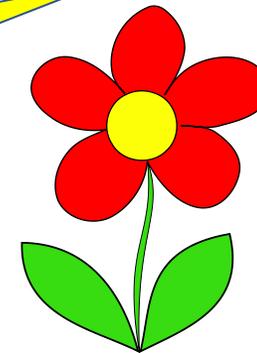
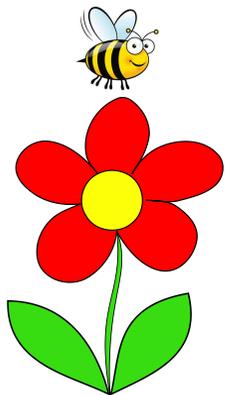
Pollination is when pollen is carried from one plant to another. Pollen helps plants make seeds grow.

## Why is pollination Important?

If plants don't get pollinated, they can't make seeds so that more plants can grow. Over  $\frac{3}{4}$  of plants need to be pollinated. That's a lot of food when you think about it!!!!

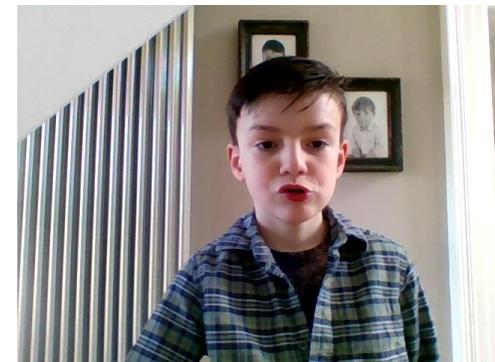
## What have bees got to do with it?

Bees are great pollinators. Pollen is a food for the hive. When bees collect it the pollen gets stuck on to their fuzzy legs! They carry pollen from flower to flower.



# The Waggle Dance

- This is my favourite fact about honey bees!
- When a worker bee finds a meadow of flowers and yummy nectar, it tells all the others by the Waggle Dance.
- The worker wiggles its bottom and the more it wiggles the further away the flowers are. It also uses the sun to point the direction of the flowers.
- This link is a brilliant video by Sir David Attenborough about the Waggle dance.



# The End!

