

# THE BUZZ ABOUT BEES ANSWER SHEET



## 1. WHAT IS POLLINATION?

- Pollination happens when **pollen** moves from one **flower** to another.
- To make **seeds** plants need to **move** pollen from one flower to another.
- Plants can use **bees** or **wind** to move pollen.
- Flowers have bright **colours** and sweet **smells** to **attract** bees.
- Pollen can be so **light** the wind can **blow** it from flower to flower.

## 2. WHAT IS A POLLINATOR?

- Bees and **insects** are called **pollinators**.
- Most **pollination** is done by bees.
- Pollen **sticks** to the **hairs** on the bees body.
- Bees brush the **pollen** into a sticky **ball**.
- **Baby** bees are called **larvae** and they eat pollen.
- Adult bees get their **energy** from **nectar** in flowers.

## 3. WHAT DO BEES EAT ?

- **Nectar** is a sweet sugary **liquid** in a flower.
- Adult Bees love eat nectar.
- Bees collect nectar and pollen from flowers.
- When a flower gets **pollen** from another flower it can make **seeds**.
- Seeds grow into new **plants**.
- Baby bees eat **pollen**.

## 4. WHY IS POLLINATION IMPORTANT ?

- We need to eat fruit and **vegetables** for a healthy **diet**.
- **Fruit** and vegetables grow from **crops**.
- **Potatoes**, corn and wheat are pollinated by the **wind**.
- **Apples**, strawberries and **pumpkins** need bees for **pollination**.

## 5. WHY DO WE NEED FRUIT AND VEGETABLES?

- Fruit and **vegetables** have lots of **vitamins** and minerals.
- Your **body** needs vitamins and **minerals** to grow.
- Fruit and vegetables are the **best** healthy **fuel**
- If you eat lots of **healthy**, nutritious food, then you will have lots of energy.
- You need energy to **run** and **jump**.

## 6. WHAT FRUITS NEED BEES?

- Bees pollinate lots of fruit and vegetables.
- The **farmer** needs bees to **help** with the farm **work**.
- Bees pollinate lots of fruit and **berries** including strawberries, **raspberries** and blackberries.
- A **strawberry** flower needs to be pollinated **five** times by a **bumblebee**.
- **Apple** trees need to be **visited** lots of times by bees.

## 7. WHAT VEGETABLES NEED BEES?

- Some vegetable **crops** are pollinated by **bees**.
- The **farmer** needs bees to **help** with the farm **work**.
- If a farmer didn't have **bees** it would take a lot of time and **money** to **pollinate** the plants.
- Bees pollinate lots of vegetables including cucumbers, **zucchini** or courgettes and **avocados**.

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## 8. BEES ARE FRIENDLY

- You should not be **afraid** of bees.
- Bees will not attack you if you leave them **alone**.
- Bees are **attracted** to your bright **colourful** clothes.
- Bees are attracted to **nice smells**.
- A bees **favourite** colour is **purple**.
- Sometimes bees think **humans** are **flowers**.

## 9. ARE POLLINATORS IN DANGER

- Pollinators are in **danger** of becoming **extinct**.
- Bees need flowers to provide **nectar** and pollen.
- They need **safe** places to **hibernate** and live.
- Bees are very **helpful** in pollinating our **crops**.
- One **third** of our food is **pollinated** by bees.

## 10. ARE THERE DIFFERENT TYPES OF BEES?

- There are 21 different types of **Bumblebees**.
- There are 77 different types of **Solitary bees**.
- Bumblebees are very important for **pollinating** strawberries and **tomatoes**.
- Solitary bees like to **live** alone.
- Honeybees and bumblebees live in **hives** or **nests**.
- The **mining** solitary bee likes to hibernate **underground**.
- **Beekeepers** build hives for **honeybees** to live in.

## 11. WHAT IS A HONEYBEE?

- **Honeybees** make honey from **nectar**.
- **Beekeepers** build **hives** for honeybees to live in.
- The **queen** bee is the **mother** of all the bees.
- Honeybees make and **store** honey to **eat**.
- Honeybees talk to each other by **dancing** a dance called the **waggle**.
- The waggle dance lets **other** honeybees **know** where the best **pollen** is.

## 13. WHAT IS A BUMBLE BEE ?

- Bumblebees have fat, **furry, stripy** bodies.
- They are very **important** in the pollination of strawberries and **tomatoes**.
- The **queen** bumblebee comes out of hibernation in early **spring**.
- Bumblebees live in **nests** they make **themselves**.
- A bumblebee must **visit** a strawberry flower **five** times before it turns into a strawberry.

## 14. WHAT IS A SOLITARY BEE ?

- Solitary bees live **alone** and not in a **hive** or nest.
- It takes a whole **year** for a solitary bee to **grow** into an **adult** bee.
- The Solitary bee mum **leaves** a supply of **food** for the **young** bees.
- Solitary bees come out of **hibernation** when they know their favourite **types** of flowers are in **bloom**.