

Chartwells Spotlight Session:

Bumblebees



Estimated run time: 45 mins to 1 hour (including activities)

Year 5

Aim:

To educate and raise awareness to the importance of bumblebees and their role in our food production, and what our planet could look like without them.

Year 5 Curriculum Links:

- Science - Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird
- Science - Describe the life process of reproduction in some plants and animals.
- Science (non statutory) - Pupils should find out about different types of reproduction, including sexual and asexual reproduction in plants, and sexual reproduction in animals.
- RSE (Healthy Eating) - what constitutes a healthy diet (including understanding calories and other nutritional content).

Success Criteria

- I can say why bumblebees are so important for flowers.
- I can talk about the lifecycle of flowers and bumblebees.
- I can say why bumblebees are important to help produce food.
- Bonus... say how we can help bumblebees whilst we are at school.

Lesson Guide



Introduction:

Ask the children if they have any prior knowledge of bumblebees. Then introduce that they are going to be watching a video all about bumblebees and their importance for making some of the foods we eat.



Video/ Part 1:

7min 30secs



Activity/ Crossword: 10 minutes (estimated)

1) Print (one per child) and a pen each. 2) Read through the sentences together and decipher the clues. Relate some of the words back to the video on bumblebees.



Video/ Part 2:

12 mins 45 secs



Activity/ Lifecycle of a tomato plant: 10 minutes (estimated)

1) Print (one per child) and a pen each. 2) Encourage pupils to label different stages of the lifecycle, and have relevant discussions. Please utilise other year groups resources if they are relevant to your lesson planning.



Video/ Part 3

4 mins 30 secs



Activity/ Quiz: 10 minutes (estimated)

1) Print Knowledge Retention Quiz (one per child) and a pen each.



Close:

Revisit the importance of bumblebees and their role in our food production, and that it would be more difficult to have a balanced diet without bumblebees.



Extension Activity/ Allegra's Chatterbox: 10 minutes (estimated)

1) Print Chatterbox activity (one per child. 2) Cut out the template and fold the paper to create a chatterbox. 3) Encourage the children to partner up, and use the chatterbox to have conversations around bumblebees.