

Video Speaking

11. Flower pollination

YT:his Vibrating Bumblebee Unlocks a Flower's Hidden Treasure | Deep Look
 Source:<https://www.youtube.com/watch?v=SZrTndD1H10>



1. WATCH the documentary and fill in the sentences below.

sperm	anthers	high	password	pollen	
wraps	scatter	messy	nectar	bait	shakes
spew	trapped	vibrate	<u>tuning fork</u>	sacks	
cannot	private	<u>ups the chances</u>	potatoes	buzz	

1. This buzzing is a secret..... The key to a lock.
2. This bumblebee is after
3. Bumblebees eat pollen because it'sin protein.
4. The flower hides its pollen in those bright yellow
5. Pollen is basically for plants.
6. The sugary..... is used as..... to attract the pollinators.
7. The bees areand therefore they inadvertently..... the pollen onto the female parts of the next flower they visit.
8. The bumblebee itslegs around the anthers and..... its wings.
9. These powerful wings
10. This vibration shakes up the pollen that is..... in the anthers.
11. The shaken anthers..... out the pollen all over the bumblebee.
12. A can do exactly what the bumblebee does.
13. The bumblebee collects the pollen into sticky on its legs.
14. The honey bees do buzz pollination.
15. Buzz pollination is like a club.
16. Buzz pollination that its pollen will end up in flowers of the same club; ie, the same species.
17. Tomatoes,and blueberries belong to this secret club.
18. Much of the food we eat owes its existence to that.....

2. What is the difference between honey bees and bumblebees?
3. What is the evolutionary purpose of buzz pollination?
4. Use the **target vocabulary** above to describe **the process of buzz pollination**.
 WRITE your answer in a paragraph of 60-80 words

KEY

19. This buzzing is a secret **password**. The key to a lock.
20. This bumblebee is after **pollen**.
21. Bumblebees eat pollen because it's **high** in protein.
22. The flower hides its pollen in those bright yellow **anthers**.
23. Pollen is basically **sperm** for plants.
24. The sugary **nectar** is used as **bait** to attract the pollinators.
25. The bees are **messy** and therefore they inadvertently **scatter** the pollen onto the female parts of the next flower they visit.
26. The bumblebee **wraps** its legs around the anthers and **shakes** its wings.
27. These powerful wings **vibrate**.
28. This vibration shakes up the pollen that is **trapped** in the anthers.
29. The shaken anthers **spew** out the pollen all over the bumblebee.
30. A **tuning fork** can do exactly what the bumblebee does.
31. The bumblebee collects the pollen into sticky **sacks** on its legs.
32. The honey bees **cannot** do buzz pollination.
33. Buzz pollination is like a **private** club.
34. Buzz pollination **ups the chances** that its pollen will end up in flowers of the same club; ie, the same species.
35. Tomatoes, **potatoes** and blueberries belong to this secret club.
36. Much of the food we eat owes its existence to that **buzz**.