**Survey Data – Qualitative**

This survey asked for written responses to the question:

*What did you learn about bees today?*

Digitised answers are written out below. We have written out the statements exactly as they appear. However, where appropriate we have also included a spell checked version of the statement in orange italics. [[1]](#endnote-1)

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| **School 1 Answers:** |
| 1. That they communicate by dancing. 2. Bees are important to flowers because they keep them alive. 3. That people put pesticide on plants so that bees don't eat them but it meens the bees get dizzy and can't get back to their hives. *That people put pesticides on plants so that bees don't eat them but it means the bees get dizzy and can't get back to their hives.* 4. They do the waggle dance to communicate. 5. I don't know because I wasn't here! 6. The names of over bees that I didn't know 7. They have different types of bees 8. That they do a waggle dance to guide where there hive is. *That they do a waggle dance to guide where their hive is.* 9. That bees have different jobs 10. I learnt about Bibi and how to plant 11. That they do need a lot of care and easily get in danger. And bees can play football. 12. I learnt about different types of bees like digger bees and carpenter bees. 13. That most live alone 14. The different type of bee and that only women bee sting. 15. There are lots of different types of bees and most live by themselves. 16. they [unreadable] live in hives 17. That there are lots of different tipes of bees. *That there are lots of different types of bees.* 18. I learnt about flower paths and how some flowers have a kind og poison one. *I learnt about flower paths and how some flowers have a kind of poison one.* 19. That there are over 2200 species of bees in the world. 20. I learnt that only some bees live together. 21. Bees are very helpful to the environment and there are many ways you can help bees survive. 22. Bees can't see the colour red. 23. Bees can't see the colour red. Only female honeybees can sting. 24. Bees can tell other how far nectar is by dancing and that there re many types of bees. 25. That there are many types. 26. That there lots of different kinds of bees and that bees can play football. 27. They can't see red and they can play football. There are over 2,100 spicies of bees. *They can't see red and they can play football. There are over 2,100 species of bees.* 28. Climate change makes flowers come out earlyer so they are not in sink with the bees. *Climate change makes flowers come out earlier so they are not in sync with the bees.* 29. I learnt that only female honeybees can sting. 30. Bees can't see the colour red. Only female honey bees sting. Female bees do all the work and male bees do NOTHING. 31. I learnt how bees can drink flower that is poisenous that make them feel dizzy also bees can't see red. *I learnt how bees can drink flower that is poisonous that make them feel dizzy also bees can't see red.* 32. That there are different types of bee's and they all do different things. 33. There are 22,000 different types of species. Lots of bees have a job in their hive and only female bees sting. *There are 22,000 different types of species. Lots of bees have a job in their hive and only female bees’ sting.* 34. That there are lots of different species. They can also play football. 35. That they can't see red and that we can help them in lots of different ways. 36. They are very helpful and make absolutely delious honey. There are lots of different types of speices. *They are very helpful and make absolutely delicious honey. There are lots of different types of species.* 37. Bees cannot see the couler red and that buff-tailed bees can play 'football'. *Bees cannot see the colour red and that buff-tailed bees can play 'football'* 38. That they communicate through danse and that there is a lot of tipes of bees. *That they communicate through dance and that there is a lot of types of bees.* 39. I learnt that female only go out and all bees dance to talk 40. That they love honey in [unknown word] 41. I learnt that bees talk to eaxh other by dancing. *I learnt that bees talk to each other by dancing.* 42. That pesticides makes dizzy and lose there way back home. *That pesticides makes dizzy and lose their way back home* 43. That they get hurt by pesticides, they have different jobs? I gues... carpenter bee, honey bee, differ bee, leafcutter bee, and bumble bee. *That they get hurt by pesticides, they have different jobs? I guess... carpenter bee, honey bee, differ bee, leafcutter bee, and bumble bee.* 44. They drink nectar. They can't ee the collour red. *They drink nectar. They can't see the colour red.* 45. They help us and are very important. 46. There are many different types of bees like digger bees or carpenter bees. 47. I learnt that bees are very useful and even though their buzzing can be annoying, I still like them. 48. They can't see the caller red. they very protectin over ther queen. the different ips of bees. *They can't see the colour red. They [are] very protective over their queen. The different types of bees* 49. I have learnd tht bees dont go to red flowers bc they dont like the coler. *I have learned that bees don’t go to red flowers because they don’t like the colour.* 50. That there is a thing that makes bees dizzy (I forgot the name) 51. That some flowers have poison on them |

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| **School 2 Answers:** |
| * I learnt some names of a bee. * Beez r sigma. There are lots of beez. *Bees are sigma. There are lots of bees.* * That there are 250 types of bees in the UK. AMAZING! * There are 250 differet tipe of beez. *There are 250 different types of bees.* * There are mahy types like the leafcutter, digger, honey, and carpenter bees and its important to help all 250 of them. *There are many types like the leafcutter, digger, honey, and carpenter bees and it’s important to help all 250 of them.* * There are 250 types of bees in the UK. * I learnt that there is lots of different tipes of bees. *I learnt that there is lots of different types of bees.* * There are 250 different types of bees * to help them and give suger water. *To help them and give sugar water.* * I learnt that bees can get lost. * That they can drink pollen that makes them sick. * There are many typrd of bees like carpenter, honey, bumble, leafcutter bee. *There are many typesd of bees like carpenter, honey, bumble, leafcutter bee.* * That there is 250 types of bees in Britain. *That there are 250 types of bees in Britain.* * Digger bees, honey bees, carpenter bees, bumble bees and leaf cutter bees. * Their are 250 tipes of bees. *There are 250 types of bees.* * I learnt how many different species there are. I could also make a little house for them. * That bees are endangered * That there are a lot of different typs. *That there are a lot of different types.* * That there are 205 [unreadable] of bees in England * That there are different types * I learnt more about types of bees that I like. I also learned about what bees do. And the bees that were in the [maiee – unknown word] were honey bees, carpenter bee, bumble bee, leaf cutter and beebee. *I learnt more about types of bees that I like. I also learned about what bees do. And the bees that were in the [maiee – unknown word] were honey bees, carpenter bee, bumble bee, leaf cutter and Bibi.* * About different tipes of them like leaf cutter, honey bee, carpinter bee and bumble bee. *About different types of them like leaf cutter, honey bee, carpenter bee and bumble bee.* * I learned they need pollen * I learned they [unreadable] * I learnt that they eat pollen * I learnt that there are 250 species of bees in the UK and there are 20,000 in the whole world * There are 20,000 speshes of bees in the world. *There are 20,000 species of bees in the world.* * There is 20,000 bee species in the world. How to make a insect bath. *There are 20,000 bee species in the world. How to make a insect bath.* * I learnt that there is lots of different bees and I had no clue that carpenter bees egsisted. *I learnt that there is lots of different bees and I had no clue that carpenter bees existed.* * The types of bee's. *The types of bees.* * I learned that there is such thing as a digger bee. * I didn't know what a carpenter bee or a leafcutter bee was. * They help the Earth and that we should help them. * To help bee's when they are dieing. *To help bees when they are dying.* |

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| **School 3 Answers:** |
| * That they are very gentle and that they do their own dance to talk to each other. Ohh and there are 250 species of bees in the UK. * Bee can play football. There are 250 types of bees in the UK and around 20,000 types of bees around the world. * There are 250 species of bees and they are in the UK. And there are 25,000 bees in the world. * They bring us honey. Some flowers are bad for bees. * We wouldn’t survive without bees. * There are 250 in England. 20,000 in the world. * That you need to plant more flowers * They have a crucial role in live * There are 250 bees in the UK. And I learnd there are more than Bumble Bees and Hony. *There are 250 bees in the UK. And I learned there are more than bumblebees and honey[bees].* * I lernt bees help food wen growing. *I learnt bees help food when growing.* * I learnt about how some flowers turn 'bad' and bees normally lick the pollen off. * They are very important and they talk dance. * They can't see red like poppys and roses. * They can't see the colour red. The Bussytail bee can play football. *They can't see the colour red. The buff-tailed bee can play football.* * That some bees die wen they sting you and so dont. And they can be diggent colours. *That some bees die when they sting you and some don’t. And they can be different colours.* * I have learnt about bees can't see the color red and communicate by dancing. *I have learnt about bees can't see the colour red and communicate by dancing.* * I new a fairly amount but I did learn that there was more than, bumble bees, honey bee, digger bee. But I just found out that there is a carpenter! that was an amazing fact. Or about how they cant see red. I love all animals, including Bees. Its so interesting in everyway! Thank you for helping everybody understand. *I knew a fair amount but I did learn that there was more than bumble bees, honey bee, digger bee. But I just found out that there is a carpenter! That was an amazing fact. Or about how they can’t see red. I love all animals, including bees. It’s so interesting in every way! Thank you for helping everybody understand.* * I have learnt a lot about bees but I like that bees can't see red and there are around 20,000 different types of bees. Bees dance to communicate. * I learnt that bees can’t see red and that there are 250 different bee species in England. * They dance to communicate * Bees can’t see red there are 250 types of bees in the UK. Some bees play football. * Bees can't see the colour red and there are 250 types of bees. They can make black honey and black bee hives. * They can't see the colour red. I like bees and that there are over 200 kinds of bees. * That bees have a different tip of venom to wasps. There are 250 species in the UK. Males have no stinger. * That they can't see the colour red. Only female can sting you. * I learned that they can't see the colour red and that there are 250 species in the UK. * Today we lernt that bees love nectar but you have to have the write nectar otherwise they could get dizzy. *Today we learnt that bees love nectar but you have to have the right nectar otherwise they could get dizzy.* * I learnt 2 jobs - that bees do like dig, cut leaves. I also learnt that honey bees have long tongues. Bees dance to communicate. * That there were many more bee species in the UK, I knew there were more than honeybee and bumblebees but not the numbers. My favourite is the carpenter. * I know how bees help me with my hayfever by eating honey and now I have a pet plant Jeremy. My 1 year old cousin loves bees but I love them too. * I learned that they can't see the colour nred and that there are 250 species in the UK. *I learned that they can't see the colour red and that there are 250 species in the UK.* |

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| **School 4 Answers:** |
| * Bees can make honey. bees cannot see the red cocout. most bees live by themselves. *Bees can make honey. Bees cannot see the red colour. Most bees live by themselves.* * I learned that bees can talk to each other by dancing. * I learned that there are lots of different types of bee including bumble bee, carpenter bees and honey bee, leaf cutter bee and digger bee. * That they [dance] to commucat and onli females sting. *That they [dance] to communicate and only females sting.* * What I learnt about bees is that buff-tailed bumblebees can 'football'. * They waggle to communicate * They talk by dancing the [unknown word] only got a sting. * I learnt about the different types off bees. For example, honey bees, bumble bees, digger bees, leaf cutter bees, and carpenter bees. * Bees can make honey. an bees can sting. most bees live by themselves. *Bees can make honey. And bees can sting. Most bees live by themselves.* * Today I learned that if bees they stay alive for 20 seconds and then they die. * We learned that males bees get kicked out the hive because they are lazy. *We learned that male bees get kicked out the hive because they are lazy.* * I learned that bees can dance ansd only girl bees can sting us. *I learned that bees can dance and only girl bees can sting us.* * I can [unreadable] * I learnt that bees are very helpful and if there were no bees we couldn’t survive * I learned that bees can give honey and die at summer. * Bees can make honny. Bees cannot see the red colour. most bees live [unreadable]. *Bees can make honey. Bees cannot see the red colour. Most bees live [unreadable]* * I learnt about bees that they make honey and people need honey. * If you see a bee waggling means [it] they are communicating [with] each other. * I leant that stones and watter help bees and also water and sugar helps bees. *I learnt that stones and water help bees and also water and sugar helps bees.* * Bees can help humans * Bees can sting. Bees makes honey. Bees like flowers. * I learned bees [unreadable]. * I learned that bees only are alived for 20 secans when they sting a people. *I learned that bees are alive for only 20 seconds when they sting a people.* * I learnt that bees cannot see the caliur red. *I learnt that bees cannot see the colour red.* * I learnt today that bees can't [unreadable]. * I learned bees who are men are lazy. * Only female honeybees can sting. * Only female bees leave the hive. * Buff-tailed bumblebees can play football. * I have learn tooday bees sting then die. *I have learnt today bees sting then die.* * [unreadable] * Bees like baths. * I learn bees can fly. Bees can make noise. Bees can sting then die. * That if you scare them they sting you. * Wat I learned today is that you need to give them flows. *What I learned today is that you need to give them flowers.* |

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| **School 5 Answers:** |
| * Bees flap their wings 230 times a second. * That bees are really important because they help plants/flowers which is what we need to breath. * That if they only get scared that will sting you and they can't see the colour red. * That bees like sugar and water where they are suffering. *That bees like sugar and water when they are suffering.* * I learnt that bees cannot see the colour red and talk by dancing. * Only female honeybees can sting. * They can't see red. * There 250 types of bees in UK! * I learned that there is 250 different types of bees. *I learned that there are 250 different types of bees.* * Bees are bees * Bees communicate by dancing, bees help flowers. Flowers help bees. * Only gentle bees sting. * That they cannot see the colour red * They are rilly cool. *They are really cool.* * That they do a dance to say that they found rilley good food. One of the bee are called the carpenter bee and the digger bee. *That they do a dance to say that they found really good food. One of the bee [species is] called the carpenter bee and the digger bee.* * There are 250 bees in the UK! That is how much different bees there are in the UK! * I discovered that there are 200 differet speeshees of bee in the UK. *I discovered that there are 200 different species of bee in the UK.* * They are rilly important and I now love bees. *They are really important and I now love bees.* |

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| **School 6 Answers:** |
| * That we learnt about bees that bees are very speshl all of them. *That we learnt about bees, that bees are very special all of them.* * That we learned about bees lat bees ar very speshall so we need to ceep bees very important. *That we learned about bees, that bees are very special so we need to keep bees, [they are] very important.* * They wr chohd [unknown words]. * Be kind to them help them. * Kind * Planting danseing and lernin how many bees there are. *Planting, dancing and learning how many bees there are.* * Thjere are different bees everywhere. *There are different bees everywhere.* * There are 250 types of bees. * There are 250 different bees. * I don't know if I do things that help bees. * canus macvembise [unknown words]. * That they need lots of nectar and need to find lavender or different good flowers. * They need pollen. * Not much. * Be kind to bees. * Nothing. * Bibi was a bee and other types of bee and a chemical. * You have to learn to help bees and bees help the environment. * I learnt that there are 250 bees in the UK. * That there are 250 different bee types. * 250 difers [unknown word] of bee in Bristol. * I've learnt that bees help the plants and spaying chemicals make less to help. *I've learnt that bees help the plants and spraying chemicals makes less to help.* * I lornt [unreadble]. *I learnt [unreadble].* * Type B * [unreadble] 250 types of bees * Always help them. * That we need to help them. * About any fellm bemblbess can stig. *About [how] any female bumblebees can sting.* * They can play football. * I alteady no that bees help. *I already know that bees help.* * They at bon eh pollen to save flowers. *They eat honey and pollen to save flowers [ambiguous wording].* * I can't remember * They can onlu gtet [unreadble] flowers. *They can only get [unreadble] flowers.* * They are very good creachers. *They are very good creatures.* * 250 bees. * 250 bees. * 250 kinds. * That they have different names in ages [unreadable] * That |

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| **School 7 Answers:** |
| * 2000000 thousand of bees and they dance. * There is 250 different spesis of bees. *There are 250 different species of bees.* * To dance [unreadable]. * That bad chemicals can kill bees. * We learnt about how Bibi the bee made her journey to her bee type. * They eat [unreadable] and pollen [unreadable]. * We watched a film called Bibi the bee. And flowers are getting palootad. *We watched a film called Bibi the bee. And flowers are getting polluted.* * We watched a film caled Bibi the Bee. *We watched a film called Bibi the Bee.* * There are different tips of bees tehy drink nectar there honey helps your hafeever and they do different dances. *There are different tips of bees they drink nectar there honey helps your hayfever and they do different dances.* * Bees heed polel and we had to [unreadable] flowers and so they can drink the polel and nectar. *Bees need pollen and we had to [unreadable] flowers and so they can drink the pollen and nectar.* * I've learned that bees gets dizzy. *I've learned that bees get dizzy.* * About not using chemicals and different tipes of bees. *About not using chemicals and different types of bees.* * Pesticide is bad for bugs. * [unreadble]. Lerming about bees. they need pollin. they colect nectar. they like messy [unreadable]. *[unreadble]. Learning about bees. They need pollen. They collect nectar. They like messy [unreadable].* * I learnt about the Bibi the bee. * I learnt that there 250 different types of bees in the UK. * I learnt about the different types of bees like the diggerbee and the honey bee. * There are different bees. Bummble bee and honey bees are some of the bees I know. *There are different bees. Bumble bee and honey bees are some of the bees I know.* * That there are 250 tipes of bees in th UK. And they dance. Cemicels hurt them. 20,000 different tipes of bee in the world. *That there are 250 types of bees in the UK. And they dance. Chemicals hurt them. 20,000 different types of bee in the world.* * I learnt about the different types of bees and their jobs and not to put chemicals on flowers. * I learned that bees are being affected by chemicals on flowers. Lots of types of bees, 20,000 species. Bee dancing. Flowers dying. * They need polun to survive but if they don't have it they can't live and dancing and that's how they communicate. Chemicals can cil bees. *They need pollen to survive but if they don't have it they can't live and dancing and that's how they communicate. Chemicals can kill bees.* |

1. Please note that some children who answered all quantitative survey questions, and are therefore included in the statistical analysis, did not provide written answers. [↑](#endnote-ref-1)