



Bees: KS1 and KS2



As a school we will all have the same topic focus over the next two weeks. We have decided that it will be based around bees. There is a variety of activities for children across KS1 and KS2. Some activities have which year group/key stage it may be suitable for. The other activities are suitable for all children but understand that children from the younger years would need more support. Some of the resources are differentiated to suit different needs.



The following is a playlist of videos by Maddie Moate all related to bees:



<https://www.youtube.com/watch?v=xnhmxNoo4EY&list=PLmTANLv-GyXXqmwlkdXcNYoY6Sy1tOPg>

English



- Life cycle of a bee. Complete the fact file sheet.
- Research the different species of bees
- . When researching think about these questions: Why are bees important? What are bumblebees/ honeybees/ solitary bees? Why are bees declining? What can we do to help save bees? Where do bees get their food from?
- Create a poster encouraging people to help save bees. Include information you have researched.
- All about bees' sheet (KS1 See resources)
- Watch the power point about the honeybee. Draw and label a honey bee. Include Antennae, mandible, eyes, wings and legs. Underneath write information about each of the labels giving detail about what that body part is used for. (KS2)
- This year has been an un-bee-lievable year. Although it may not have ended in the way we expected all the children have accomplished and learnt new things over the year. We would like it if you used the bee writing frame (in resources) to write about something you have achieved/learnt this year. If you are working from home and able to type this work into a bee/ beehive frame email to: Sarah.Stevens@st-nicholas.staffs.sch.uk



Mathematics

- Look at a picture of a honeycomb. What do you notice about its shape. Is the honey comb symmetrical? Can you create your own repetitive pattern using a honeycomb template?
- Times tables focus.:
- Year 1 and 2: 2s, 5s and 10s
- Year 3: 3s, 4s and 8s.
- Year 4: 3s, 6s, 7s, 9s, 12s.



The following is a link to create timetable sheets which may help support this:

<http://www.timestables.me.uk/printable-pdf-quiz-generator.htm>





- Year 1 and 2: Look at the different flowers in your garden or when on a walk. Can you make tally charts of the different flowers that the bees like?
- Year 1 and 2: Make two 2 digit numbers by rolling a dice, add them together and find the difference between them. Write the calculations that have a answer greater than 40.
- Year 3 and 4: Complete column addition and subtraction activities
- Make little buzzy bees (drawings/pompoms etc) Use these buzzy bees to find halves of different amounts. (Share bees between two hives to work out halves) Once confident doing this can you find quarters. (Share bees between 4 hives to help work out answers) Then moving onto thirds. (Three hives)
- Measuring flowers activities. (See resources) Children to use a ruler to measure the different heights of the flowers. Extension: to use them measurements to plot the lines on the graph. (You could use a tape measure to measure different flowers in your garden).
- Use the thermometer sheet to record the temperature each day in a place where you see bees. (See resources) Which day was the hottest/coldest? What was the difference between the hottest day and coldest day?



Science

- Engage with the following power point on pollination. (See resources)
- Complete the pollination process activity sheet. (See resources)
- In your own words write about The Pollination Process from the perspective of pollen or a bee.
- Research the different types of seed dispersal. Why do plants disperse their seeds? List the different ways in which the seeds are dispersed along with some information about each process.
Here are some cool links that could help you:
<https://explorify.wellcome.ac.uk/en/activities/whats-going-on/bonkers-conkers>
<https://explorify.wellcome.ac.uk/en/activities/whats-going-on/super-seeds>
<https://explorify.wellcome.ac.uk/en/activities/whats-going-on/tangling-brambles>
<https://explorify.wellcome.ac.uk/en/activities/zoom-in-zoom-out/brown-and-sticky>
- Complete seed dispersal sorting activity. (See resources)
- Life cycle of bee spin wheel (See resources)



Music, Art and Design



- Listen to 'The flight of the Bumblebee' by Rimsky-Korsakov. Discuss how the music makes you feel. What instruments do you recognise? While listening to the music sketch what comes to mind. Below is a link to an animated version for inspiration:

<https://www.youtube.com/watch?v=P5UL1kh9qcM>



- Have a go at making a honey sandwich. Can you write instructions on how you made the sandwich? Perhaps you could bake something using honey as an ingredient.



- Mindfulness colouring. (See resources) Children working from home could share the different pieces of the bee picture with family members asking them to colour a square in.

- Design an attractive flower. (See resources)
- Create a painting/sketch of a bumblebee. You choose what materials you want to use to create your picture. E.G. sketch of a bee on a flower, painting of a bee using watercolour.



Physical Education.

- Pick a different challenge each day from the list.:
<https://www.youthsporttrust.org/60-second-physical-activity-challenges>
- Go for a walk and see what bees you can find. Record on the grid on page 3 and 4 of the 'Save our bees' document (See Resources-Activity 1))



Further activities within the document 'Save our bees' (see resources)



Useful links:

<http://sloely.com/wildflower-nature-hunt/>

British bee association:

<https://www.bbka.org.uk/>

Save our bees campaign:

<http://www.saveourbees.org.uk/>



