

Bees Learning Activities

Bees	Verbal / Linguistic	Logical / Math	Picture / Spatial;	Body Kinaesthetic	Music / Auditory	Inter personal (can work alone, in a pair or a group)	Intra personal	Spiritual
<i>Choose an activity to complete to immerse yourself in the wondrous, honey, light and wisdom filled world of Bees in a hive in a garden.</i>	'Telling the Bees' is a practice of talking to the Bees and sharing your news about your dreams, family or world events. Write a 250 word declaration to the Bees about what you want them to know about yourself, your hopes, dreams and vision for the future.	Draw to scale a diagram for building a Langstroth Hive, Warre or a Top Bar Hive. (You can find plans on line)	Make a collage of images of Bees, both ancient and modern from around the world.	Bees do a figure of 8 dance to communicate to other Bees the location of good nectar, pollen, water and propolis. Design a 2 minute dance to communicate the route you take to school. You can do this as a group or on your own.	Record a 'Bee Song' focusing on the hum of a happy hive. Aim for one minute of sound, mainly using your body and voice to create the sound of the Hive. You can do this on your own or as a group.	In a pair, do research and take notes about the life cycle of a worker bee from 1 day to 6 weeks old. Then decide who will be the expert and who will be the interviewer to find out about the life cycle of a worker bee. You can use your notes to help you remember information. Include in your interview what you find amazing about Bees.	Imagine you are a Bee and describe or write the things that give you pleasure (like Bees loving flowers), adventures you'd like to do (like bees finding flowers), what you guard and protect (like Bees guarding the hive), what you stand up for (like a Bee sting)	Research to find out which cultures around the world have celebrated the Bee. (this includes Mayans, Egyptians, Eastern Europeans and Greeks). Note what themes, colours or representations occur.
	Write an ode or poem about Bees that captures their ecological importance.	Calculate how many bee visits to a flower are needed to make a teaspoon of honey?	Find 4 types of hives and draw them. You can do freehand or technical drawing.	Bees fly, carry, lift, clean, sting, sleep, walk, hang and crawl. What exercises or fitness routine could you	Put together a collection of songs or a play list of at least 6 songs that refer to Bees and Honey.	In a group of approx. 4 people discuss the notion that bees are critical to human survival. Use the quote from Einstein to help get your discussion going "If	Think about what you have in common with Bees and make a note, diary entry or letter about this.	What myths and fairy tales can you find out about Bees? Find the story you most enjoy and draw a symbol to

Bees Learning Activities

		How many beats per second to bee wings make?		design to be Bee Fit? Choose 8 physical exercises in a circuit.		the Bee disappeared off the face of the Earth, humanity would only have four years left to live.”		represent that story.
	Find a poem about Bees, and learn the verses and recite the poem.	Bees know where they are in relation to the sun. Find out where you are in the world. Find out the latitude and longitude of the town where you live, the time of sunset and sunrise, and the degree / location on the horizon where it will rise and set.	Create 3 Bee figures out of recycled material. Make a Worker, Drone and Queen.	In a group, design a Bee obstacle course in the yard. Include at least 6 obstacles that a Bee might face in going from the hive to a flower and home again. You can make this as realistic as you like and include collecting ‘pollen’ to make it more challenging. You can make this a collaborative or competitive game for you to play.	If there is a group of dancers, consider making the music for their dance.	Write a list of 8 things you could do to overcome a fear of Bees and make a poster of your advice. Make sure your poster includes images.	If you were a Bee, how would you help solve climate change? Contemplate your ideas then discuss or write your ideas.	The Bee in included in iconography from Hinduism, Islam and Christianity. Find sacred iconography that shows the Bee from three different places around the world.

Bees Learning Activities

	<p>Explore origin and meaning – etymology – of these Bee related words.</p> <p>Azimuth Zenith Hymenoptera Latitude Mono-crop Pesticide Antennae Hexagon</p>	<p>There are several shapes that are associated with the Bee.</p> <p>Draw these in colour on coloured paper.</p> <p>Hexagon, Flower of Life, Three dimensional hexagon (like the cell), 12 Tessellated hexagons.</p>	<p>Draw two pictures from the Bee perspective: one of the inside of the hive and one outside of the hive.</p>	<p>Bees have 6 legs, 3 body sections, 4 wings, 2 antennae and three eyes...imagine extra body parts that you may have and how you would explore the world with this sensitivity.</p>	<p>Using humming sounds only, experiment with expressing different emotions through changing the rhythm, sound, pitch and tone of a hum. Use these four emotions – mad, sad, bad, glad.</p>	<p>Each Bee does its own job as well as being part of a super-organism and part of a greater collective of intelligence. Form a group of 6 and stay very close to each other, (touching or within a hand width) and as a group do a normal activity but aiming to think like one entity. Choose activities such as cleaning a room, eating your lunches, doing a painting, planting flowers.</p>	<p>Bees spend most of their lives in the dark of the hive. Put on a blindfold for 10minutes and give your attention to all your other senses. Record what you notice without using your eyes.</p>	<p>Using a philosophical or reflective approach, consider the nature of the Bee and how the use of mono-crops, pesticides, artificial queen mating and other practices to maximise honey production may impact on the Bees natural expression of itself in the world.</p>
--	---	--	---	--	---	--	---	---

Online Resources

Curriculum aligned bee resources and bee basics/facts

<https://actforbees.org/resources/education/> - download the poster

<https://actforbees.org/resources/love-food-love-bees-yr-56-unit/>

Bee Facts and Stats

©Sezzajai Sykes April 2019 brightbodies@hotmail.com

Bees Learning Activities

<https://matteroftrust.org/4754/20-amazing-honey-bee-facts>

Intro to Bee life

<https://www.natgeokids.com/au/discover/animals/insects/honey-bees/>

Video about Bees – Dance of the Honey Bees (6mins)

<https://www.youtube.com/watch?v=Zo6fK1yKcAA>

Useful website for sun and location info:

<https://www.timeanddate.com/sun/australia/alice-springs>

Bee mythology:

<http://www.raymondhuber.co.nz/honey-bees-ebook-life-cycle-honey-stings-crisis-myths/bee-mythology/>

<https://www.thoughtco.com/legends-and-lore-of-bees-2561655>

Bee images in myth:

<https://www.pinterest.com.au/jackiwhitford/bees-goddesses-saints-and-mythology/>

Carol Ann Duffy – the Bees – poetry sample

<https://wordverseuniverse.wordpress.com/2014/12/25/the-bee-carol-duffy/>

Bee Hive design – Langstroth, Warre, Top Bar

<https://www.perfectbee.com/your-beehive/beehives-and-accessories/common-types-of-beehive>