

BABY BOT VIDEO LESSON: BEES

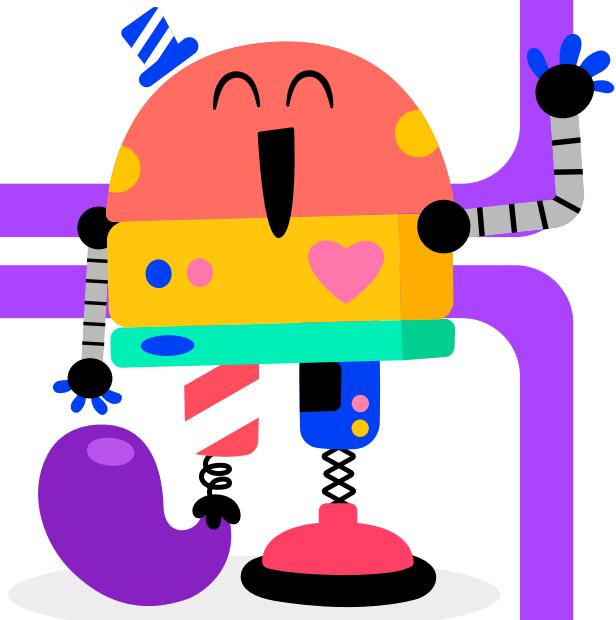


VIDEO: Bees

TOPIC: Children will learn about honey bees, where they live, how they help us and how they make honey

FOR AGES: 4-8 years old

LESSON TIME: 1 hour



INTRO (10'): VIDEO (5') + DEBATE (5')

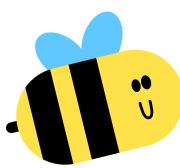
- Ask your pupils to sit down on the carpet facing the board, and project [this video](#).
- Debate - Children will comment on the video and will share out loud their favorite part.



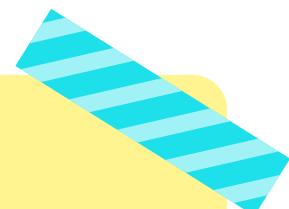
ACTIVITIES (25'): KAZOO - CRAFT (25')

ACTIVITY 1

Kazoo: Have you ever heard bees communicating to each other? They make a buzzing sound similar to the Kazoo. The kazoo is an instrument that adds a "buzzing" sound to the person playing it. To make a kazoo you will need the following:



- 1 TOILET PAPER ROLL FOR EACH STUDENT
- WAX PAPER
- AN ELASTIC BAND
- PAINT AND BRUSHES



- 1) Paint your toilet paper roll however you would like
- 2) While the paint dries, cut out a piece of wax paper big enough to wrap around one end of the toilet paper roll.
- 3) Secure the wax paper with an elastic band.
- 4) Puncture a hole in the middle of the toilet paper roll with a needle or the pointed end of your scissors (adults only!).
- 5) Sing through the open end of the kazoo and practice making different sounds. Start trying to make it sound like a bee! Can you make it sound like any other animals?

PRACTICE WORKSHEETS (20'):

WORKSHEET FOR YOUNGER STUDENTS (PAGE 1):

Younger students will write some of the key vocabulary words of this video and will draw them too. Additionally, they will have an opportunity to illustrate their favorite part of the video or something they have learned. Teachers can encourage their students to write about their drawing if their literacy skills match that expectation.

WORKSHEET FOR OLDER STUDENTS (PAGE 2):

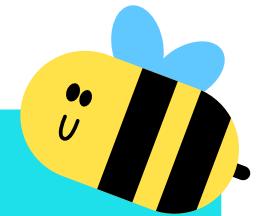
Older students will learn the differences between the different types of bees that live in a colony. They will learn about their names (e.g. worker/queen/drone), their anatomy, and their physical differences.

* The teacher should feel free to use [these materials](#) in any way that matches the needs of their students: promoting independent work, independent research, getting students in turns to do the activities on the board, etc.

TIDY UP (5'):

Allow for students to clean up the classroom, put materials away, and get ready for the next class.

ADDITIONAL ACTIVITIES FOR BABY BOT VIDEO LESSON: BEES



SCIENCE

CREATE A BEE BATH:



Our favorite flying friends will greatly appreciate this activity, and it is so easy! Bees enjoy having water available so that they can drink it and cool off, or simply refresh themselves. Simply fill a shallow bowl with water and some stones (you can personalize them with a little paint) and corks for the bees to land on. Fill your bath with fresh water every couple of days and just see how many pollinators come to visit.

CRAFT

BUBBLE WRAP BEEHIVE:

First, cut out your bubble wrap in the hexagonal shape of a beehive. Then paint the bubble wrap (bubble side up) with orange and yellow paints. Next, press your painted bubble wrap onto your paper like a stamp. Then dip your thumb into the yellow paint and create bees swarming the hive. Take a marker to draw the stripes and wings on your bees. And there you have it...your own beehive!

RESEARCH

HYPOTHESIS ABOUT BEES:

Learn more about bees by finding the answer to the following questions:

- 1- How many bees live in a hive?
- 2- How many eggs can a queen bee lay in a day?
- 3- How do bees communicate?

We would like to suggest you guess the answers before doing your research, and then compare your answers once you know the results.

OUTDOORS

NATURE WALK:

Go on a nature walk and learn more about bees by answering the following questions:

- “Which flowers do you think the bees like?”
- “Where do you think the bees are living?”
- “How high do you think that bee can fly?”
- “Where should we look for bees?”

Once you get home look up the answers and compare them to what you thought before going on your nature walk.

