

What's The Buzz? Grade 1

Where do bees go in the winter?

Assessment
Cross-curricular

Science

Big Ideas

50 minutes

Changes occur in daily and seasonal cycles.

Changes in daily and seasonal cycles affect living things. _____

Specific Expectations

1. Living things have basic needs (air, water, food, shelter) that are met from the environment.
2. Different kinds of living things behave in different ways.

Description

Using the downloaded and printed pages provided the students will make a weather wheel that depicts how honeybees live during the four seasons.

Materials

- Construction paper
- Scissors
- The downloaded and printed word document pages
- Glue
- Clothespins

Introduction

1. Begin by engaging the students in a conversation about the seasons. Ask them thought provoking questions that will get them to think critically about what happens when the leaves change colours, of when the snow melts and spring begins to bud new plants and trees.
2. Following the discussion about the seasons you can move into talking about what happens to honeybees during each season as well. It can be worth mentioning that during the winter months, honeybees are the only bees that keep a colony. This means that, even though they might not leave their hive, the worker bees spend their time catering to the needs of the queen bee.
3. You can also make comparisons to other animals, and what they do during the same seasons. For example, bears hibernate, but deer do not.

Action

1. Print out the word document sheets and handout a package to each student. (DO NOT HANDOUT THE CIRCLE)
2. First the students will colour all of their trees according to the season. They can also colour the honeybee picture and the four hive pictures.
3. After they are completed they can cut the pictures and words out on the dotted line.
4. At this point you can distribute the circle to the students and get them to cut it out.
5. Using a ruler and pencil they can divide the circle into four sections. (One for every season)
6. Glue the picture of the tree along with the title of the season onto a quarter of the circle.
7. Glue the hive picture to the middle of the tree trunk.
8. Glue the bee picture onto the clothespin. The students can use this to clip the circle onto the right season.

Consolidation/Extension

1. The image of the circle can be printed onto cardstock or thicker paper in order to better accommodate the clothespin.
2. Students can always add to the basic tree picture. They are encouraged to show how the summer months will have lots of flowers that the bees can use for nectar and pollen.