



ACTIVITY NOTES

HABITATS: FINDING A PLACE TO LIVE



4 to 6 years old



20 - 30 minutes

Includes:

Teacher Notes

Student Worksheet



EXPO
CITY
DUBAI



TEACHER NOTES



LESSON SUMMARY

Based on our popular A Place to Live workshop, this activity allows students to help Beena the bee find a new habitat right in their own school! Through hands on investigation, students rediscover what makes a suitable habitat for bees and find places around their own school where Beena can make her new home. Students will also consider some new innovations that help bees live in urban areas.



EXPO CITY DUBAI CONNECTION

Several beehives were spotted on-site throughout the building of the Expo 2020 site, the majority of which are formed by Dwarf Arabian Honeybees. Great effort has ensured all nests on the Expo 2020 site were protected with installed warning signs and increasing awareness among the workforce. Based on necessity, the nests were relocated to a safer part of the site by an Expo-appointed service provider that is trained in the relocation of bees' nests. This same process now continues with the legacy of Expo City Dubai.



LEARNING OBJECTIVES

- Understand factors that contribute to creating a good habitat
- Use thermometers to measure temperature of different spaces around the school



MATERIALS/ RESOURCES REQUIRED

- Student Worksheet
- Thermometers

ACTIVITY OVERVIEW

Before beginning the activity, students should have recently completed the 'A Place to Live' workshop at Expo City Dubai. Students could be reminded that **Beena** is a bee who became lost in the desert and needs to find a new home.

For students who have not attended the workshop, students can still complete this activity as part of their learning about animals and habitats.

Suggestions

Younger students: The 2 slides can be presented on the screen, for a teacher-led activity.

Olders students: The 2 slides can be used as an activity sheet for each student to fill out.



Questions

1. Student should tick-off the things that Beena would need in her new home; you can prompt students for ideas such as shelter, water, food etc.

2. As a class, decide on three areas around school which would make a good habitat for Beena based on having the things mentioned in question 1. Students or the teacher can write the name of the place in the table.

Students should then visit each place and use a thermometer to measure the temperature. Students or the teacher can then put a tick in the table if the temperature is suitable for Beena (*i.e. the area is between 20 and 30 degrees Celcius*).

If this activity is done in the Winter, ask students to consider if they think this would still be a good place in the Summer.

3. Considering the availability of things from question 1 and the temperature measured in question 2, students or the teacher can write which area they think is the best for Beena.

4. How could the habitat be made better? Students can now get creative and draw a picture or write about the habitat with some improvements (*such as adding flowers, a bowl of water, a door, windows etc.*)



DID YOU KNOW?

Some companies have developed special bricks to be built into walls of buildings. These contain little holes for bees to climb into and make a home. Can students suggest some good things and bad things about these bricks?

[Bee Brick Video](#)