

Student name: _____

Today you are going to build a habitat that is suitable for bees. Bees are some of the most important pollinators and we would not be able to survive without them. Based on what you read in the article **What kinds of landscapes keep bees healthy?**, list what makes a good habitat for bees:

- 1 _____
- 2 _____
- 3 _____
- 4 _____

Here are some other aspects of a habitat that make it a great place for bee's to live: Successful bee habitats usually have soil that is not too moist. Because the majority of bees make their nests in the ground, they need to have soil they can dig in. Therefore, soils saturated with water are impossible for bees to live in. Some bees make their nests in dead wood or in soft "pithy" stems of plants. You may need to do more research about what makes bee habitats successful using the Internet.

Using the information you have collected about what makes a good habitat, you are going to build a habitat in a shoebox using whatever supplies are available. You will present the information and your habitat to the class. See the rubric below to see what you need to include in your presentation. You must include labels in your project.

Points Available	Importance of Bees	Habitat Description	Decline of Bees	Creativity of Shoebox Model	Group Participation
10 Points Excellent	You explained why we care about bees and the importance of protecting their habitat.	You included 5 different aspects of a good bee habitat. Each component of your habitat was explained in your presentation.	You discussed how and why bee populations are declining worldwide. You discussed how your habitat helps prevent loss of populations.	Project was neat. Your habitat is creative and the 4 different aspects of what makes it suitable for bees are labeled.	You worked well with your group. All teammates participated in all aspects of the project.
7 Points Proficient	You explained why we should care about bees, but did not discuss the importance of protecting their habitat.	You only included 3-4 aspects of a good habitat OR you did not explain why you chose each aspect.	You discussed how and why bee populations are declining worldwide, but did not connect this to your habitat.	Your project was neat. Your habitat is creative. You are missing some (or all) of the 4 different aspects of what makes it suitable for bees.	You worked well with your group, but not everyone participated.
5 Points Needs Improvement	Your analysis of the importance of bees is incomplete.	You included fewer than 3 aspects of a good bee habitat.	You discussed how and why bee populations are declining, but you are missing key information.	Your project is messy and not constructed well.	Your group did not work well together. You struggled to work towards the goal.