

# What's all the Buzz about Bees?

There are thousands of species of bees in the world! These species have many characteristics (color, pattern, where they live, etc.) that make them both similar and unique. Follow the instructions provided to create your very own bee species! How many types of bees will you create?

## Materials needed:

- Drawing and coloring utensils
- Ruler
- Paper
- Dice or dice app



## Directions

1. Roll the dice for each feature one by one.
2. Either write down the features you roll as a list or draw your bee one feature at a time. Remember that bees have three body segments (head, thorax and abdomen), two antennae, six legs and wings.
3. Create a name for your new bee species!

Characteristics	If you roll...
Size	1 - Bee is 2 inches long      4 - Bee is 3.5 inches long 2 - Bee is 2.3 inches long    5 - Bee is 4 inches long 3 - Bee is 3 inches long       6 - Bee is 4.5 inches long
Colors (roll twice)	1 - Yellow                              4, 5 - Black 2 - Orange                              6 - Brown 3 - Color of your choosing
Pattern	1, 2 - Stripes 3, 4 - Patches 5, 6 - Pattern of your choosing
Pilosity (hair)	1 - Almost no hair on body 2, 3 - Medium amount of hair covering body 4, 5 - Lots of hair covering head and thorax 6 - Lots of hair covering head, thorax and abdomen
How they live	Odd number (1, 3, 5) - Social (Live in groups) Even number (2, 4, 6) - Solitary (Live alone)
Location of nest	1- In sand                      4 - In bee houses 2 - In dirt                      5 - In abandoned insect nests 3 - In trees                      6 - In plant stems