



Activity 3: Sneaky Senses



See how your senses can affect each other by having a snack, a sniff, and more!

Materials:

- Packet of jelly beans

Join us on **Mar. 20** at **2pm** to do this activity together! bit.ly/satsci21

1. Open your packet of jelly beans and lay them on a clean surface. Which colors do you see? Can you guess which flavors the jelly beans might be?



2. Hold your nose closed and chew one jelly bean. Don't swallow it yet. How much taste does it have? Can you tell what flavor it is?
3. Now open your nose, keep chewing, and swallow. How tasty is it now? Do you have a better guess of the flavor?
4. This time, place one jelly bean in your mouth without chewing. Crush a second jelly bean of a different color between your fingers, and smell the crushed jelly bean while chewing the first. Which flavor is stronger? Can you tell the difference between the two? Try this out on the rest of your jelly beans!
5. These are examples of how your body parts work together to sense the world. It turns out that your smell makes up a large part of your taste. How might your vision help your taste too? (For example, does a brown tomato seem as tasty?)

6. Check out another example by watching the video at this link, or by scanning this code with a phone camera. You hear the same noise, but your brain thinks it is changing, just because you're seeing a different mouth move!

[bit.ly/
sneakysenses](https://bit.ly/sneakysenses)



Think about it: When your eyes are closed, your ears are covered by headphones, or your nose is stuffed, how does the world change? Do any other senses get stronger when you can't see or hear?

Further fun: With permission and some help, set up a taste test of food around your house. Close your eyes, plug your nose, and have a family member or friend feed you a piece of food. Can you tell what it is? Unplug your nose and try again. Does the smell help? Feel the texture of the food—that's a sense too!

