

Does This Make Sense? (Sound, Taste, Touch, Smell)

Essential Question(s):

*How do our senses help us understand the world around us?
Do our senses work together?*

Background Information:

You have 5 major senses – sight, smell, sound, taste and touch. Each one of them is important in your everyday life. You use at least one of your five senses every moment of every day and they are on duty even when you are asleep! Your senses work together to let your brain know what is going on around you. They also help to keep you safe by warning you of any danger. If one sense is not working due to an accident or illness, then other senses will take over or become stronger to make up for the missing sense.

Sight: You use this when you read, color, watch movies, and even walk. Your eyes constantly take in pictures of the world and send them to your brain for it to figure out what you are seeing. These images help you understand the people, places, movement, and things around you.

Sound: You use this sense when you listen to music, talk with a friend, or hear the wind blowing. Sound enters your ear through the ear canal. Inside your ear, the sound vibrates, or moves, your ear drum back and forth. These vibrations are then passed onto your brain where it processes the information and figures out what sound you are hearing.

Taste: You use this sense when you eat food, take a drink, or even take medicine. Once something enters your mouth, your tongue immediately begins tasting whatever is inside. There are tiny bumps on your tongue called taste buds, which contain tiny hairs that help send messages to your brain about what you are tasting.

Touch: You use this sense when you pet an animal, pick up a toy, or open a door. Our skin is the largest organ of the body, it helps us feel temperature, texture, and even pain by sending information from touch receptors to the brain.

Smell: You use this sense when you walk by a flower garden, take out the trash, and even while you are eating. Our noses pick up scents in the air with smell receptors and send that information to the brain to help us understand what is going on around us.

Objectives: Learners will...

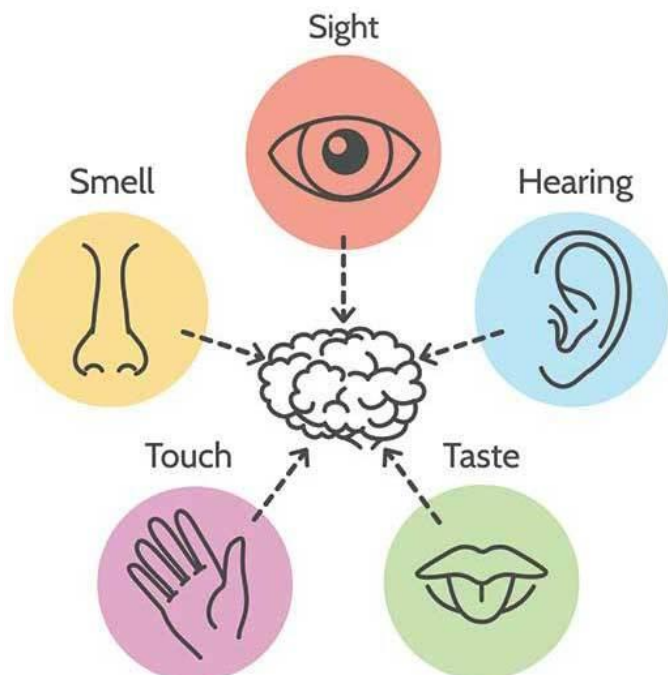
- 1) Explore and test their senses
- 2) Learn about the value behind senses

Supplies:

- Sound jars
- Smell jars/cups
- Taste testing samples
- Mystery touch bags
- Record sheets
- Pencils
- Cardstock
- Various berries

Standards:

- SKP1.
- S2P1.
- VA(K,1,2).CR.1
- VA(K,1,2).CR.3
- VA(K,1,2).CN.2



Preparation:

- Fill several sound jars with things like water, rocks, sand, paper clips, or other materials
- Fill several smell jars with soaked cotton balls or items with scents like vanilla extract, lemon juice, cinnamon, coffee, lavender, etc.
- Prepare several taste testing samples like salt, sugar, apples, potatoes etc.
- Fill mystery touch bags with things like cotton balls, sticks, playdough, shredded paper, uncooked rice or other materials. Use brown paper bags or socks so that you can't see the contents.

Procedure:**A. Background:**

1. Explain the importance behind each sense.
2. Discuss how sometimes when we use just one sense it can make it harder to figure things out in the world around us because we do not have as much information.

B. Main Activity:

1. Give each child record sheet and a pencil and allow them to write down what they think they hear, smell, taste, and feel.
2. Reveal the answers

Discussion/Assessment:

- Is it harder or easier to use just one sense at a time?
- How do our senses help us understand the world around us? (They help give us information that helps us know what is around us.)
- Do you think you could live without one of your senses? (Yes. Blind people live without sight and deaf people live without hearing.)

Take Home Message: Our senses work together to help us understand the world around us.

Take Home Activity: Berry Painting

Berry Sensible Artwork

1. Pick a berry (strawberry, blueberry, blackberry, etc.) that you like and use the juices dripping off of it to create a work of art
2. Try squeezing the berry and smearing it on the paper to see what happens
3. Use another kind of berry to see how they are similar or different
4. Don't eat your artwork, but try a berry while you work!

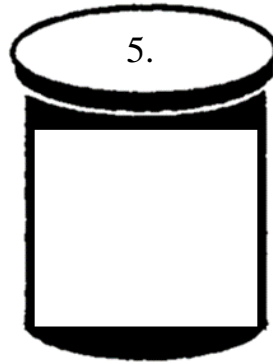
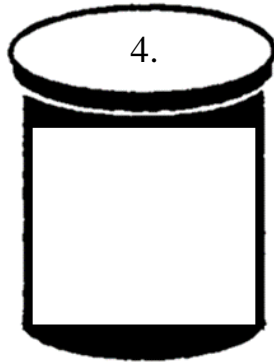
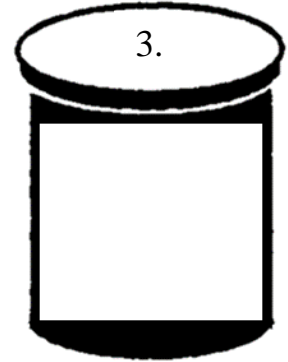
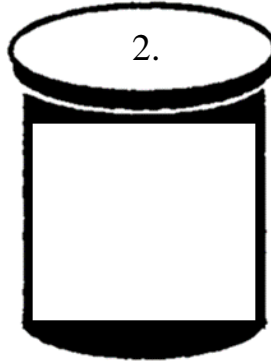
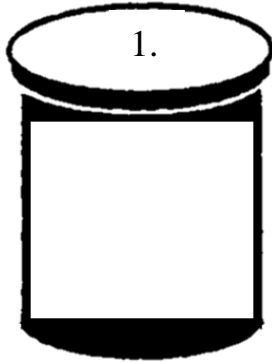
Questions to Ask:

1. How do the berries feel?
2. Does the color of the 'paint' differ from the berry itself?
3. Do the berries smell?

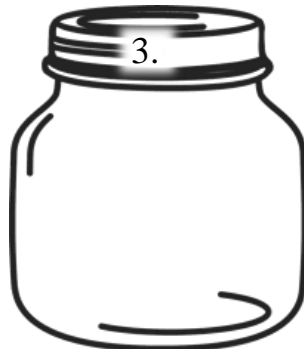
Does This Make Sense? Record Sheet

Write or draw what you think is in each container.

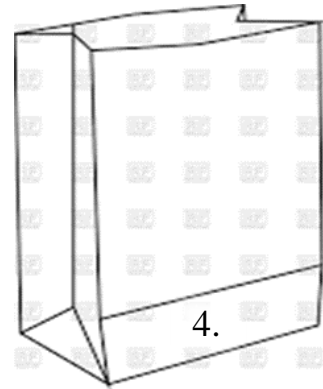
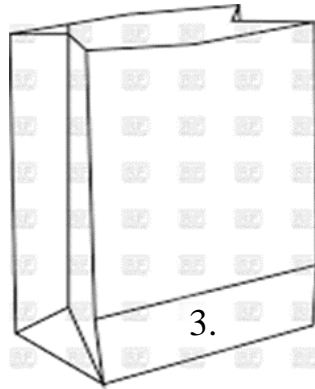
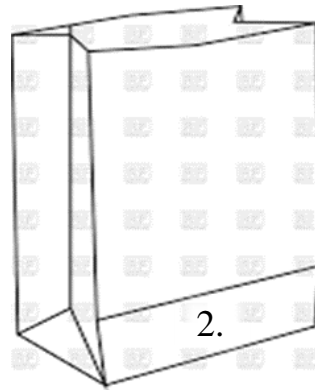
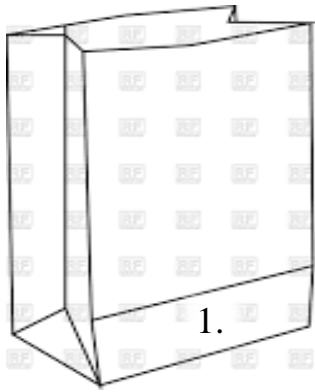
Hearing Station



Smell Station



Touch Station



Taste Station

