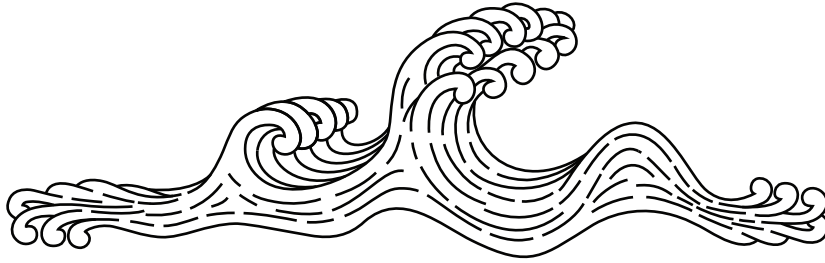
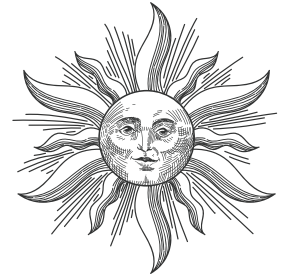
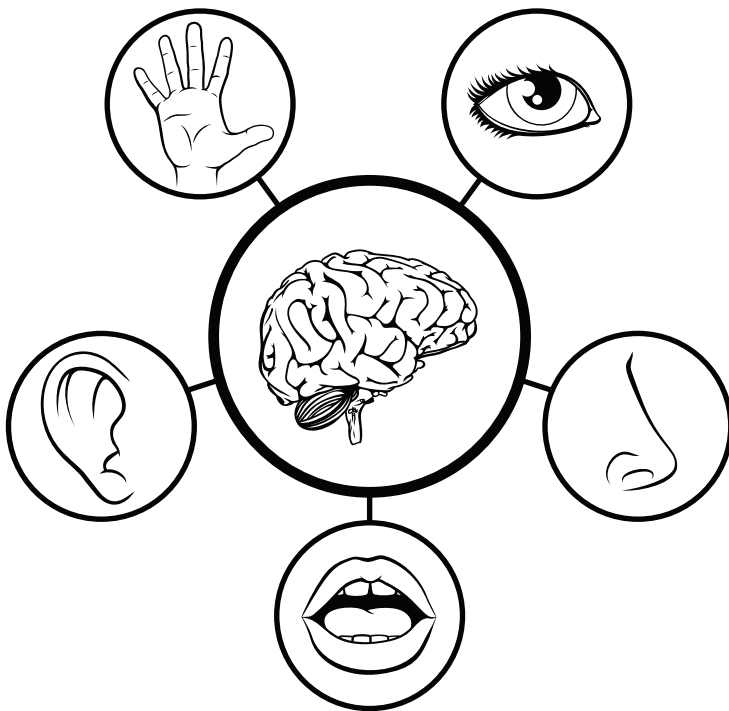




Our senses are what we use to understand our world and what is happening around us. The world around us is called our ENVIRONMENT and it changes all the time. When we walk outside from inside our house, our environment changes. It may get colder or hotter, or brighter or darker.



Our sense organs are our eyes, ears, nose, mouth, and skin. Our nose senses smells, our eyes sense light, our tongue senses taste, our ears sense sounds, and our skin senses the things we touch.



We see light with our eyes, but it is our brain that tells us what we are seeing! We hear with our ears, but our brain tells us what it is we hear. Our skin tells us that we feel something, but our brain let's us know if what we feel is soft or hard, bumpy or prickly. Our nose smells for us, but our brain tells us if it stinks! You get the idea...



Unit 1 Lesson 4 – SENSES

Date:

Objectives By the end of the lesson, the children should be able to:

- Identify the 5 SENSE ORGANS and their functions
- Know our senses gather information and that our brains interpret that information
- Know what our ENVIRONMENT is
- Know that our sense organs reside in our skulls so as to be close to and hooked up to our brains
- Identify and palpate CARPALS, METACARPALS, PHALANGES

Materials

- Old fabric/clothing that can be cut for blindfolds
- Items to smell, taste, hear and feel (soft, bumpy, essential oils, a bell or shaker, etc.) Make sure there is one item for each child to sense. Keep items out of sight so as not to ruin the surprise.
- HAND BONES page

Lesson Prep

- Cut out HAND BONES
- Cue up a "FREEZE DANCE" song
- Cut fabric into 20" strips for blindfolds

Greeting Routine (for more than 2 children) Free play until everyone arrives.

Activity in Motion

 FREEZE DANCE PARTY

Cue up your FREEZE DANCE PARTY song. Explain to the kids that we are going to use our brains to "freeze" us when we hear the word, "FREEZE," in the music. Incorporate a few minutes of "freestyle" to get the wiggles out.

Reading Time

Read book 3, *Mexican Bones*. Have kids notice the changes in the ENVIRONMENT that The Bones Family sees as they are driving. Discuss the fact that their ENVIRONMENT changes as they drive, and that the ENVIRONMENT is what they see, hear, smell and feel all around them. Ask children what they might hear in a city; ask them what they might smell in the countryside, etc. Read "Brain Poem."

Activity in Motion CHANGES IN THE ENVIRONMENT

Have the kids follow you into another room, outside, into a bathroom, etc. and turn off the lights. Get them to tell you what has changed from the last place they were in. Is it colder or hotter? Brighter or darker? Can they hear different sounds or feel the wind on their skin? (If you can lead them holding hands blindfolded, this is better. They will remove the blindfolds when they arrive in the different environments.) Ask them if they can see in the dark. They will say “no,” so explain to them that our eyes are one of our SENSE ORGANS, and that our eyes sense light.

Lesson

“Everyone point to your eyes. Point to your tongue. Show me your ears. Point to your skin. Show me your nose”.... (Make sure everyone has this down first before moving on. THESE body part are called our SENSE ORGANS. Everyone repeat after me “SENSES ORGANS.”

“Our eye, nose, mouth and ears are all resting inside what bone?” (Point to your head) “Yes. They all rest in our skull. This is because they are all connected THROUGH our skulls TO our brains. Our sense organs gather information from our ENVIRONMENT, and relay this to the brain.”

“Our ENVIRONMENT is what we call the world around us. Being inside a house is one kind of environment. Being outside is a different kind of environment. Our senses tell our brains what is going on around us in every single moment. We see light with our eyes, but it is our brain that tells us what we are seeing! We hear with our ears, but our brain tells us what it is we hear. Our skin tells us that we feel something, but our brain let’s us know if what we feel is soft or hard, bumpy or prickly. Our nose smells for us, but our brain tells us if it stinks! What do our ears do? That’s right, they hear for us. What tells us the exact sound we are hearing? Correct! Our brains do that.”

“Our sense of touch comes from all the skin all over our bodies, right? Even so, when we touch things, we often touch or feel different things with our hands. For this reason today we are going to learn about the bones in our hands. The hand bones near our wrists are called “CARPAL” bones. The bones in the palms of our hands are “METACARPALS”, and the bones in our fingers are called “PHALANGEES”. Make sure children palpate each set of bones.

Chant ECHO GAME

I’m going to say the name of a bone, and you all are going to be my echo! If I say it LOUD you say it LOUD. If I say it SOFT, you say it SOFT. Okay? Point to your wrist, bones in the palm of your hand, and fingers and chant, “CARPALS, METACARPALS, PHALANGEES!” Have them repeat it back to you. Experiment with a silly tone, a growly tone etc. Say it in as many different ways as you can. (While you are chanting, review the “HUMERUS, RADIUS and ULNA” and “CRANIUM”chants too.)

My Body Project

Have each child identify and paste the CARPALS, METACARPALS, PHALANGEES on the bones side of the contractor paper.

Activity in Motion

Be sure that the items to smell, taste, hear and feel are nearby but out of sight of the children.

Blindfold each child one at a time. Tell the others not to spoil the surprise for the “blind” child, but let them figure out for themselves what they are smelling, feeling, hearing etc. Ask blindfolded child to describe what they can hear, smell or can touch. It’s fine if they say nothing. Place the pre-determined object in their hands. Have each child name the sense they are using to figure out what the special item is that has been selected for them.

Optional Activity 5 SENSES SCAVERGEN HUNT

Lesson Review

Show me what part of you senses smell? What part senses sound? What sense organ senses touch? What part senses light? What part of you tells you what you are seeing? That’s right! Your brain! Good job. These are our sense organs, and they are located in what bone? Yes! The skull, so they can be protected and close to your brain.

Look, listen, and smell right now. What do you see around you? What do you smell? What do you hear? All these things that you just told me are some of the things that make up your ENVIRONMENT. Say: ENVIRONMENT... Great!”

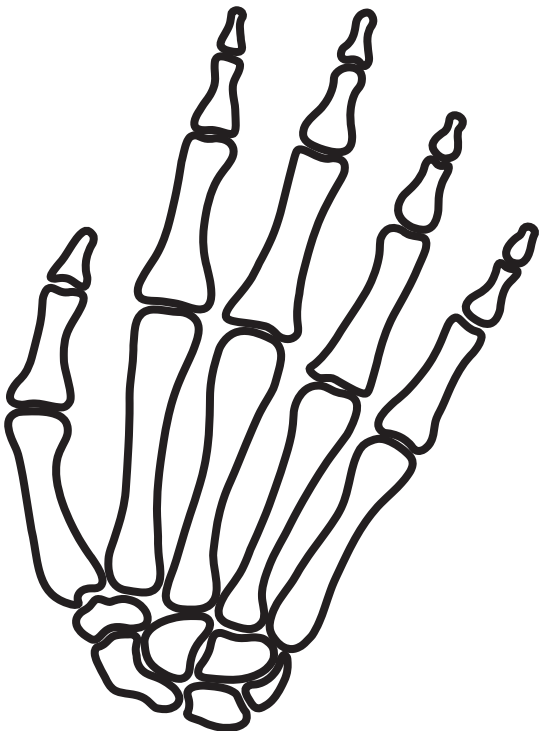
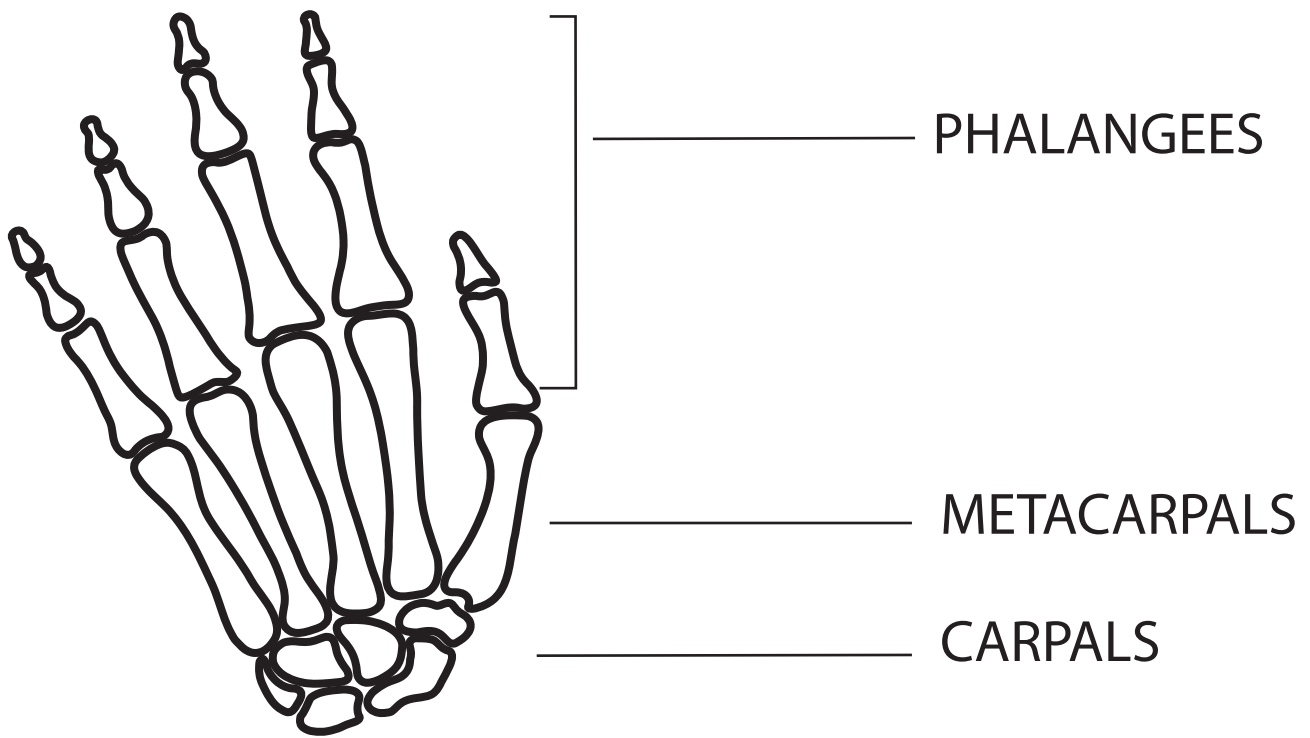
What body part do we use to touch things? Correct, our hands. Can anyone remember what our hand bones are called?”

Notes

Other optional activities should include:

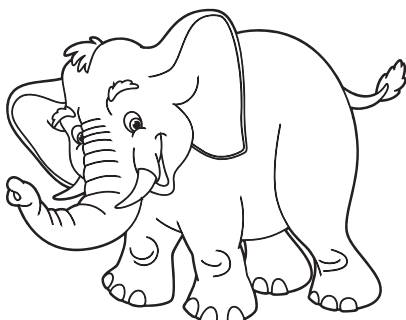
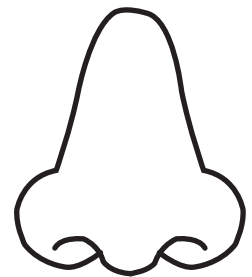
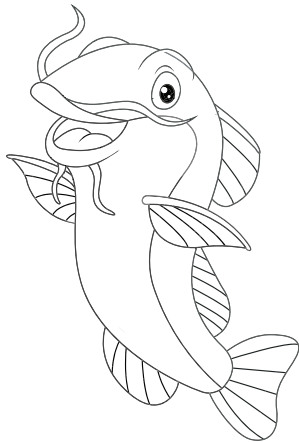
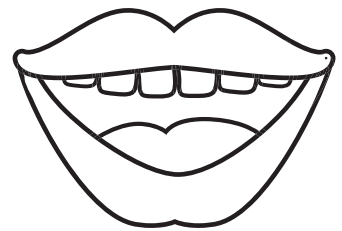
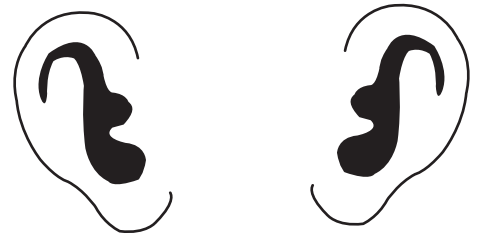
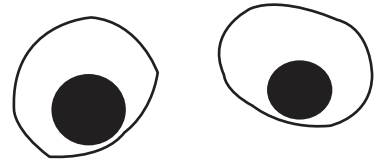
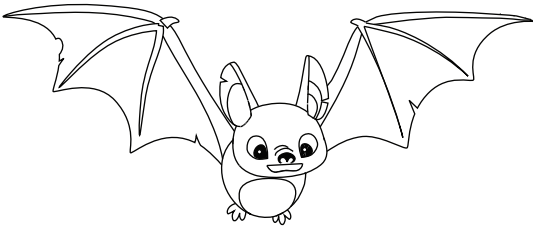
Blind Mans’ Blu

“Marco Polo”



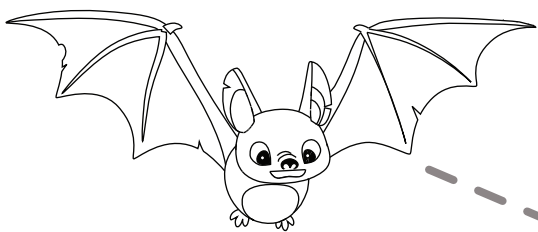
ANIMALS WITH SUPER SENSES

MATCH THE ANIMAL WITH IT'S SUPER SENSE



ANIMALS WITH SUPER SENSES

MATCH THE ANIMAL WITH IT'S SUPER SENSE



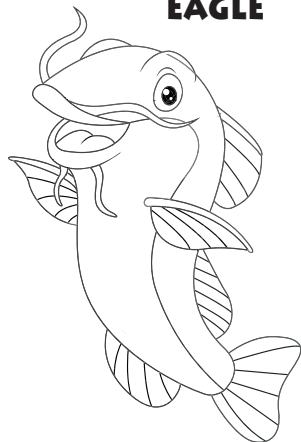
BAT



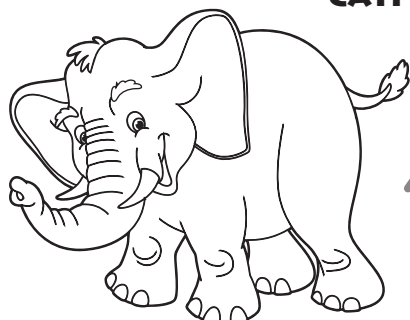
MANATEE



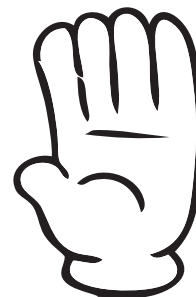
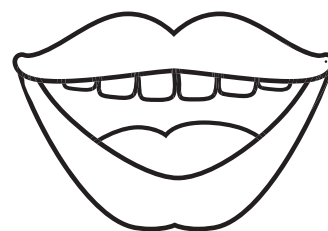
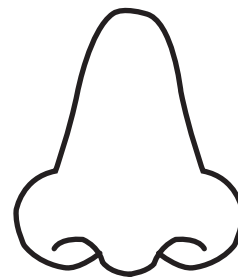
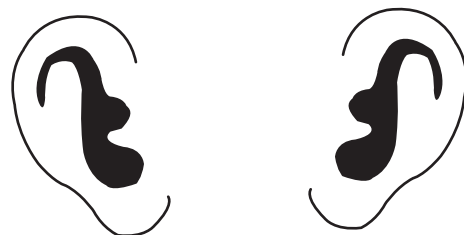
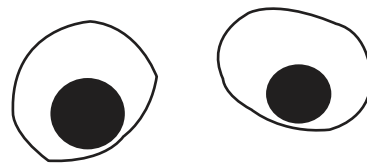
EAGLE



CATFISH

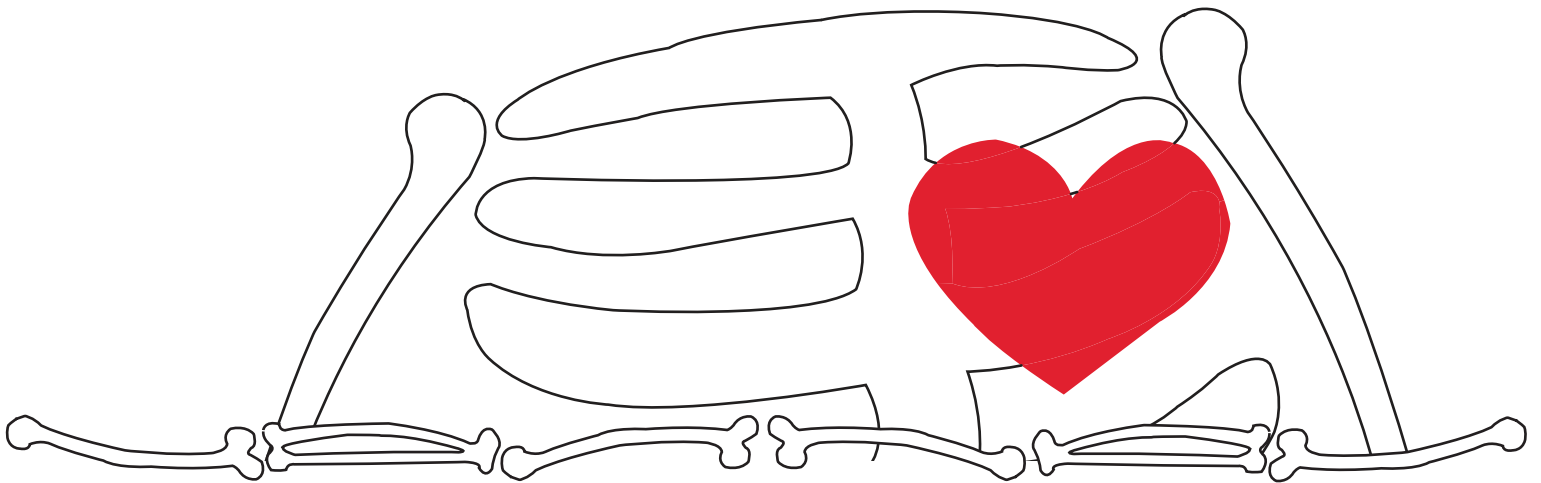


ELEPHANT



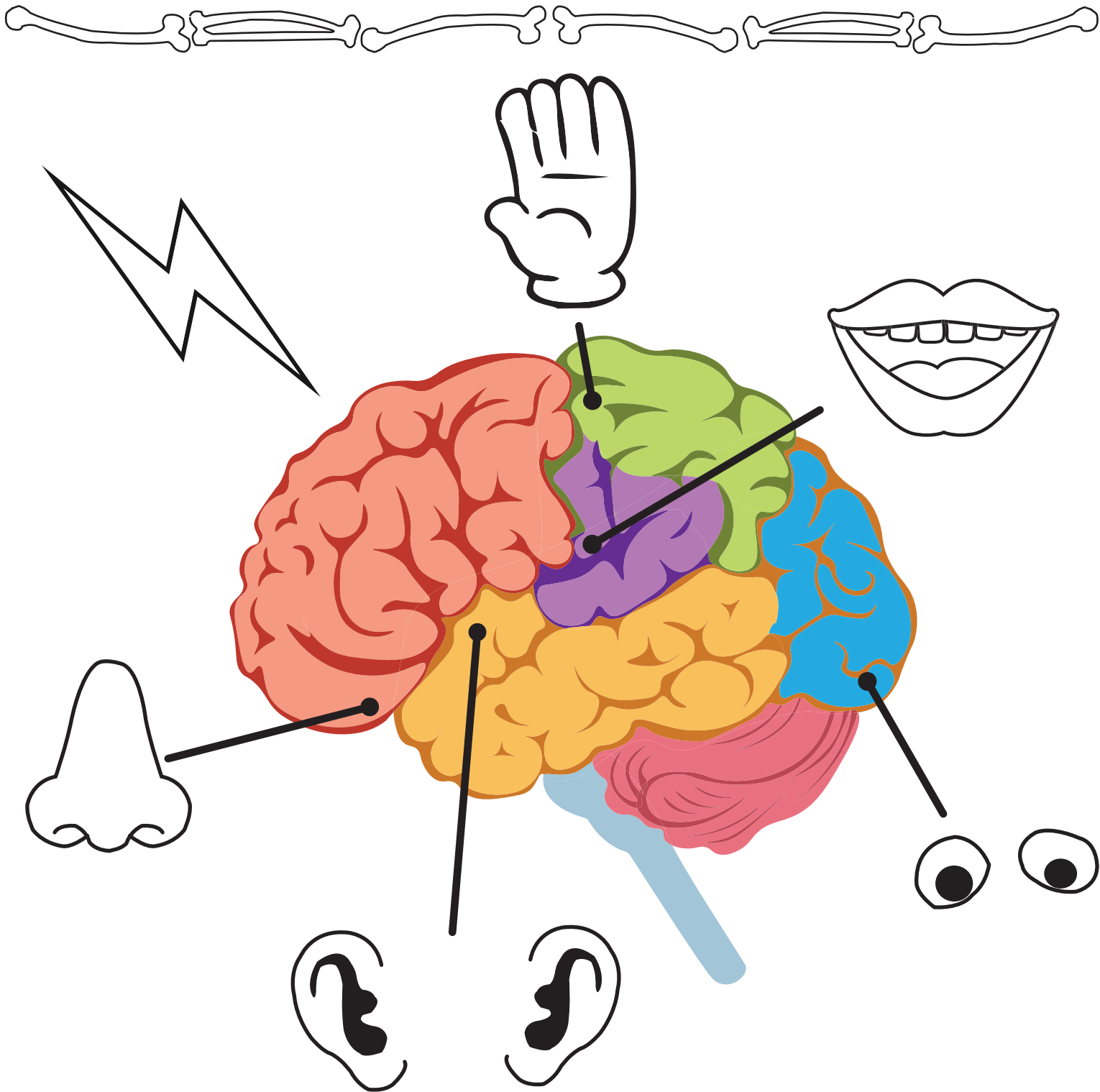
5 SENSES SCAVENGER HUNT

FIND AN ITEM THAT...					
smells sweet					
smells bad					
smells good					
sounds loud					
sounds quiet					
sounds nice					
feels spikey					
feels soft					
feels rough					
feels smooth					
looks long					
tastes bad					
tastes sour					
tastes sweet					
butterflies taste					
a dog would like					
looks white					
3 of the same					
sounds crunchy					
TOTAL					



**DRAW A NOSE, EARS, EYES AND
A MOUTH ON BROTHER BONES**





**COLOR THE EYES BLUE, THE EARS YELLOW,
THE NOSE ORANGE, THE HAND GREEN
AND THE MOUTH PURPLE**