

Makes Sense

MATERIALS

FOR STUDENT: (one per student unless otherwise noted)

- FloraCraft® Make It: Fun® Foam Ball, 4" diameter
- Jar band (from a canning jar lid) (optional)
- Cardstock paper features (See "FOR TEACHER" below)
- Yarn, heavy weight, 5 yards in choice of hair color: Black, yellow brown, reddish brown, etc.
- Chenille stem, 3" length, red
- Craft stick
- Scissors
- Pencil
- Washable fine tip marker, blue or black
- Paintbrush, medium size
- Paint apron
- Glue stick
- Paper plates, two
- Paper towel

FOR TEACHER:

- FloraCraft® Design It:® Wire Cutter
- Colored cardstock paper, 8 1/2" x 11" in: White, pink and skin color to match paint colors (Determine the number of sheets of each color needed based on the images per pattern page and the number of students)
- Cardboard (like the back of a note pad)
- Ruler
- Scissors
- Pencil
- Serrated knife



- Paintbrush
- Acrylic paint in a range of four human skin colors such as: Raw Umber, Sable Brown, Toffee and Camel
- Water bucket
- Glue gun (for teacher only)
- Paper towels
- Old newspapers or plastic tablecloth (optional)
- Plastic-lined garbage can
- Wet wipes
- Drying area
- Photocopier

SCIENCE

GRADE LEVEL

KINDERGARTEN – FIRST

COMPLETION TIME

- 20 minute session (2 hours minimum drying time)
- 30 minute session



OBJECTIVES

Students learn:

- What the five human senses are and how they work
- The use of fine motor skills
- To listen and follow step-by-step instructions

STANDARDS

- Life Science - Compare characteristics of living and nonliving things in terms of their structure, growth, changes, movement and basic needs
- Investigate living things and describe their parts.
- Differentiate between the five senses and related body parts.

LESSON

INTRODUCTION

- Ask the students what the five senses are and discuss.
- Explain that they're each going to be working on a character that will help them remember each of the senses.

TEACHER PREPARATION

Note: Read through all the instructions first and check out the TIPS! Determine how to let the students select their paint/paper skin colors and their yarn hair colors. Plan for two class sessions with drying time in between them. During the second session, have a glue gun plugged in and ready to use (ideally set on low temperature) but out of student reach. This can give you immediate adhesion when you're in a hurry to help the students. It is also recommended that you make one character first, before preparing the materials for any others, since knowing how the parts fit, might affect how you prepare.

[1] Use a serrated knife to cut a 2" diameter slice off the bottom of the foam ball. Repeat for each student. (Note: This gives the head a base - especially if you are not going to use a jar band.)

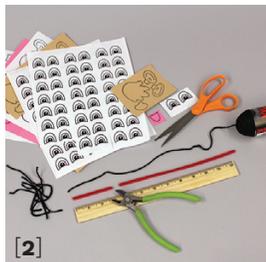
[2] Photocopy the patterns onto the appropriate color papers and cut them apart for each student to be able to cut out. Also cut out one set of features for your model, cutting on the outside of the black lines, so that they show.)

Use the wire cutter to cut one 3" length red chenille

stem (mouth) and scissors to cut 5 yards of yarn (hair) per student. See TIPS for cutting and tying yarn.

[3] Select a range of three or four paint colors to correspond with human skin.

[4] For each student, have two paper plates: One with a foam ball with a craft stick pushed into the bottom, paper towel, pencil and a paintbrush; the other plate with paper features, brown or blue marker, glue stick, scissors, a cup with yarn and chenille stem, and the jar band (optional).



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INSTRUCTIONS

[1] Have the students put on their paint aprons. Give each one a paper plate with the foam ball, pencil, paintbrush and paper towel on it. (Wait to provide the other plate.) Ask them to use the pencil to write their name on the plate. Squeeze the correct color paint onto each plate and have the students paint the foam ball by holding the craft stick. When they are finished, have them put their paintbrush in the water bucket and set the pencil beside it. Then, ask them to hold the craft stick as they take their plate to the drying area, set it down, and then, set the foam ball back onto the plate to dry.



[2] Before the heads are thoroughly dry, roll them halfway around to release them from the paper plate. Then let them finish drying.

NEXT SESSION

[3] Distribute the second paper plates of materials. Have the students use either the blue or brown marker to color in the iris of the eyes. Then, use their scissors to cut out their paper features. On the back of the hand, they should write their names.



[4] The students can get their painted foam balls, remove and discard the craft sticks, and set the foam balls on the table (in the jar bands if you're using them.) Show the students your model and explain that if they want to make the face look tilted to the side, they should glue on their eyes at an angle as you have. Demonstrate and have them apply glue stick to the area where one eye goes. Have

them press hard enough to apply enough glue that it goes down into the foam and fills the pores, leaving the surface sticky (instead of applying the glue to the paper). Then have them gently press the back of their eye into the glue. Repeat with the other eye.

Check the positions of the eyes before having the students continue. Then, have them similarly, apply glue for the nose, and put the nose in place, just touching the inside corners of the eyes.



[5] Demonstrate and have the students fold back the tabs on the ears and glue them to the sides of the head, so that they are in line with the eyes. For the mouth, show them how to bend the red chenille stem into a smile and fold back 1/4" on each end, to insert into the foam below the nose. Apply a small lump of glue to the straight edge (only) of the tongue and tuck it under the mouth, letting the end of the tongue be loose.



[6] If you are using the jar band, slightly curl the paper hand to be able to glue a contact point to the band. (Use the glue gun if necessary.)



[7] Have the students apply plenty of glue stick to the top of the head (or at an angle if the head is to look tilted) and set the hair in place. They can adjust the hair as needed, or use scissors to trim any long strands that are in the eyes.



MODIFICATIONS

To simplify project:

- Pre-paint the foam balls. (Use acrylic paint or insert the other ends of the craft sticks into a scrap block of foam and spray paint them the desired skin colors.)
- Cut a 3" slice off the front of the foam ball. Make a face from a 3" circle (plus ears on the sides that can be bent forward) from chosen skin-color cardstock paper. Then, have the students draw the eyes, nose, mouth and tongue before gluing the circle to the front of the foam ball.

To expand project:

- Discuss with the students how enhancements can be used to make our senses stronger. (Examples: Hearing aids and glasses or a magnifying glass.)
- Make five colorful flags glued to toothpicks, and write the name of one sense on each. Then insert the flags into the foam, close to that sense.

For multiple ages:

- Younger and older students can work side-by-side, with the older students drawing their own, more realistic features. (For greater realism, use a foam egg shape for the head.)
- Older students can research fun facts about the senses and make flags to insert into the foam, close to each sense. (See "To Expand Project" above.)

ADDITIONAL IDEAS

- Make name signs for the hands to hold and use the characters to identify each student's desk, during an open house.
- Make one giant head using an 8" ball. Enlarge the features on a photocopier. Display for the entire class.
- Make a character like this for other purposes, such as welcoming a guest or new student to the class.



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TIPS

- The jar band provides a base for the head and gives a surface for the hand to be glued. If you don't use a jar band, simply set the hand next to the head.
- To provide students with choices, have four colors of yarn: Yellow, brown, reddish brown and black. Also provide for skin colors such as: Raw Umber, Sable Brown, Toffee and Camel.
- A fast way to measure and cut yarn for the hair is to use a 2 1/2" x 6" piece of cardboard. Cut an 8" length of yarn (that will later be used to tie all the lengths) and set it against the 6" edge. (Use a couple small pieces of tape to hold it there.) Then wrap the yarn around the cardboard (parallel with the 2 1/2" sides) so that the 8" length is being covered with every wrap. Count 40 times around the cardboard. Don't pull too tightly or layer the wraps. When finished, temporarily tape the end to the other yarn to keep it from unwrapping. Pull the 8" length ends together and tie/knot in the middle. Then, use scissors to cut along the opposite edge, releasing the yarn lengths from the cardboard. This will give you forty 4" lengths of yarn tied in the middle. Trim the long tying ends to the same lengths as the others. (This will go faster after the first time.)
- Have extras of each of the various materials.
- Help the students position the eyes down far enough, whether the face is to look straight on or be tilted. The lower you can make the features on the face, the younger and cuter the face will be. (Keep the ears at the same level as the eyes.)
- If the ears or other features won't stay on while they are drying, use a glue gun to attach them.

REFERENCES

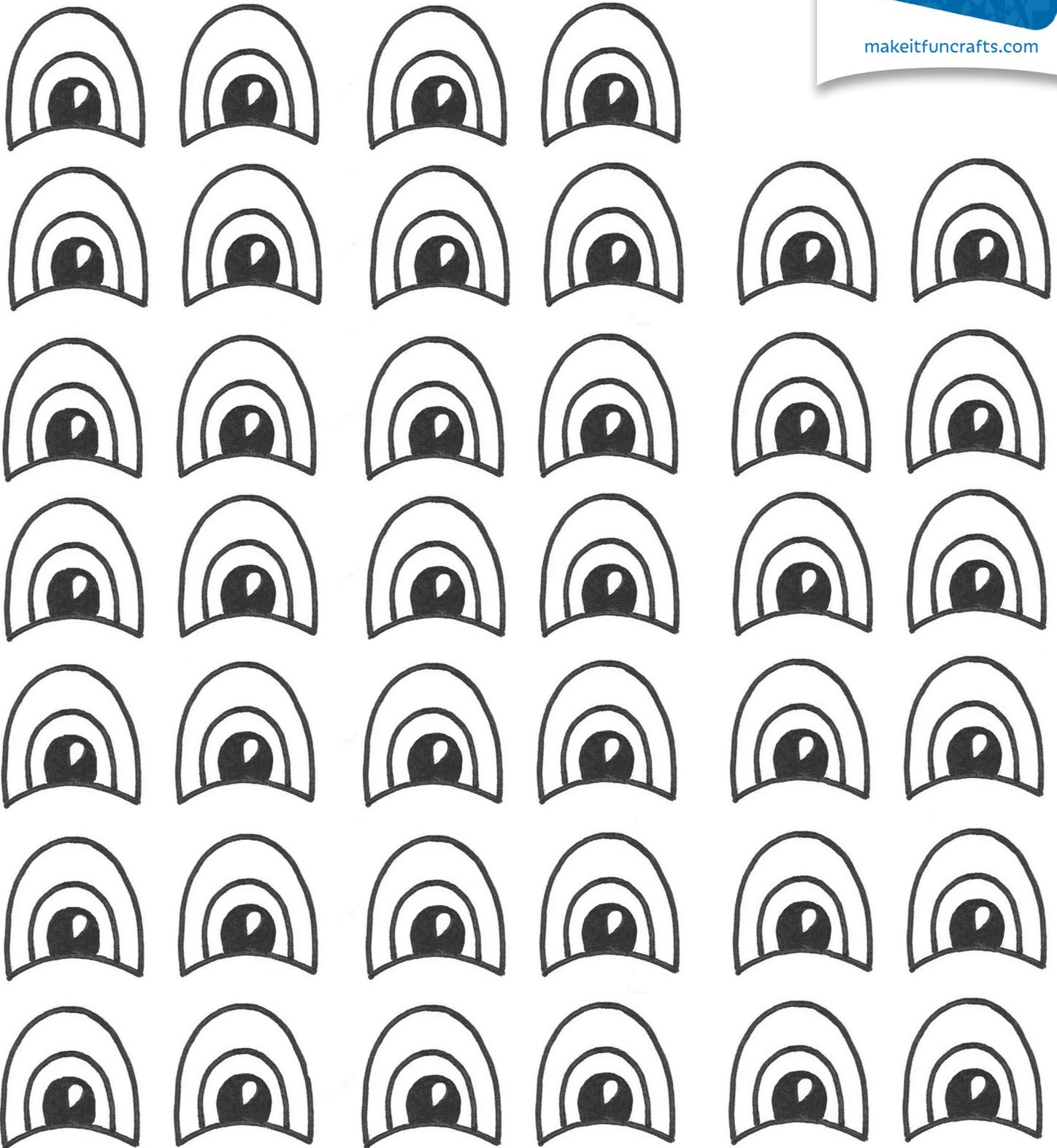
My Five Senses by Alik
The Five Senses by Jennifer Prior
Kevin's Big Book Of The Five Senses by Clavis Publishing
David Smells! By David Shannon

PATTERN

20 SETS of EYES
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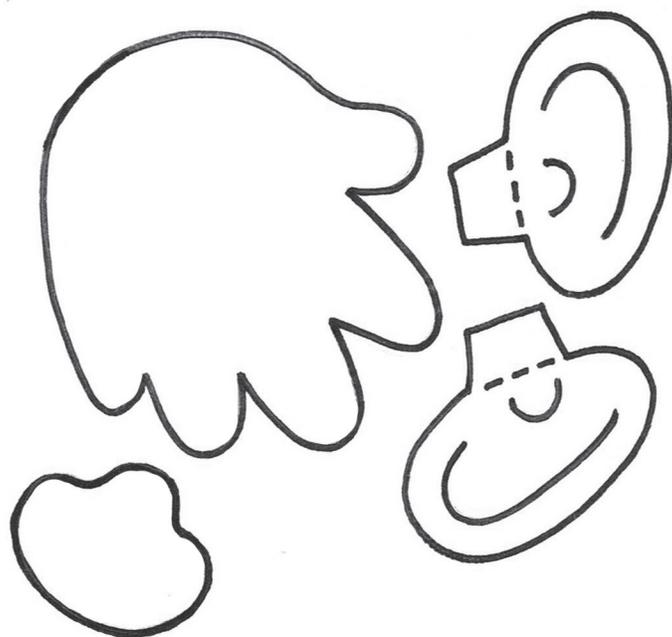
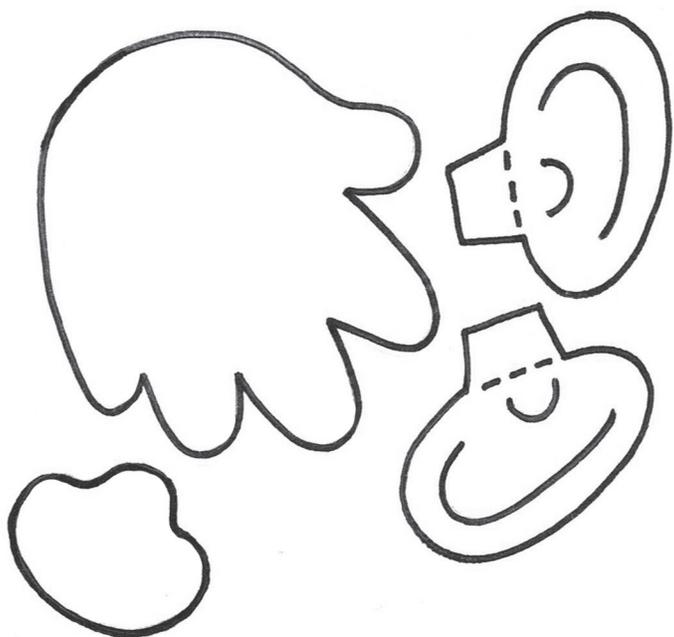
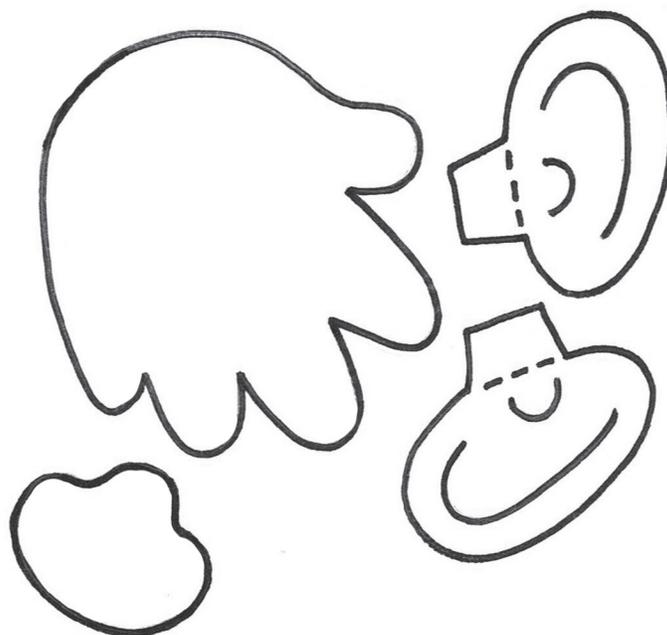
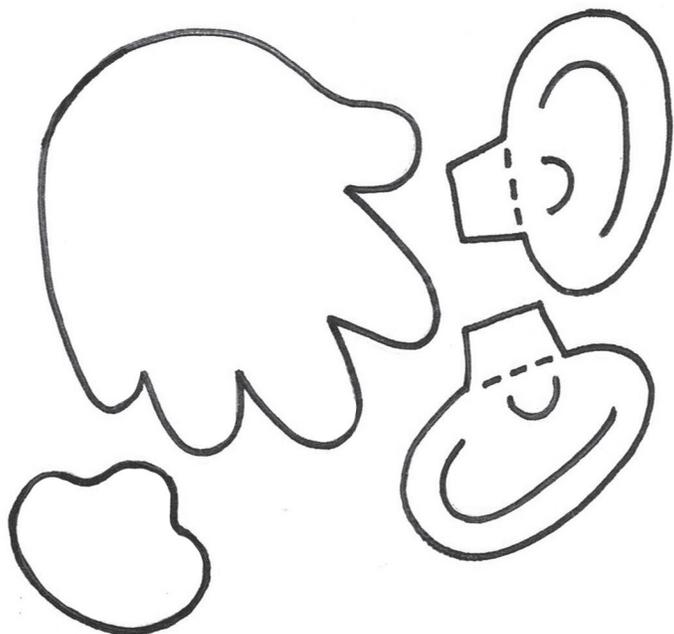
PATTERN

4 SETS of HAND, NOSE AND EARS

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42 TONGUES
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