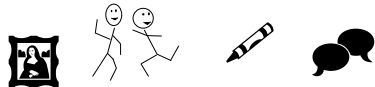


Deep-sea Anglerfish Hat

ACTIVITY: Make a deep-sea angler fish role-play its behavior

GRADE LEVEL(S): K to 3rd



30-40 minutes

DISCIPLINES: Science, visual arts, role-playing

OBJECTIVES: Students will be able to:

- describe how a deep-sea anglerfish lures prey
- discuss why prey is attracted to the glowing lure
- discuss why it has large teeth
- explain how it is camouflaged
- name two adaptations of a deep-sea anglerfish



- MATERIALS:
- oval paper plates (one per student)
 - pipe cleaners, red, 13-inch long (one per student)
 - bead, blue, 1/2- to 3/4-inch diameter (one per student) (Or pom pom, blue, 1/2- to 3/4-inch diameter)
 - red or black paint
 - construction paper, red
 - clean/new sponges for painting
 - 1/4-inch wide elastic bands or soft yarn to secure hat
 - packing tape (one role for leader)

Preparation:

- glue gun, stapler, staples



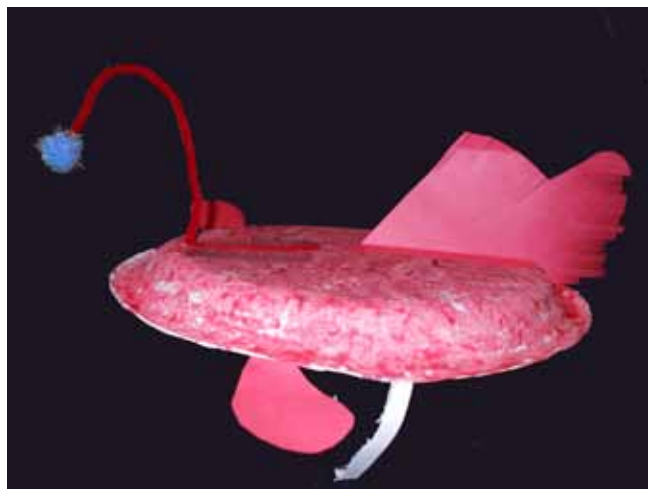
Something like the Creatology™ Sparkle Pom Poms (1/2 inch) can be found at a craft store.

WHAT TO DO:

Preparation:

For each student, you'll need a set of hat parts:

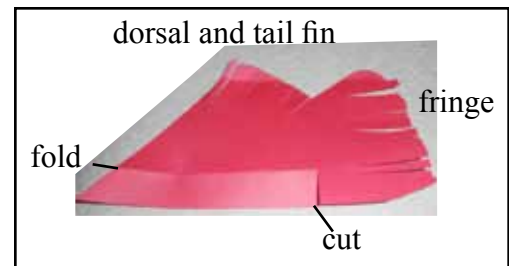
- 1 body (plate)
- 2 pectoral fins
- 1 tail/dorsal fin
- 1 lure (pipe cleaner with bead or pom pom)
- elastic strap



Preparation:

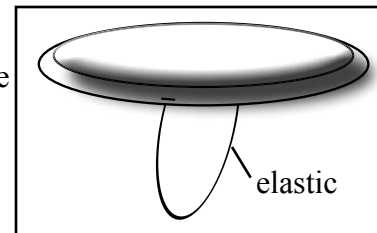
Fins and Tail:

1. To make the patterns, print one copy of the attached pattern onto card stock and cut out. Or, print the pattern on to regular paper, cut out, then trace onto a file folder. Cut out.
2. Trace pectoral and dorsal/tail fins onto red construction paper. Cut out.
3. Add cut onto bottom and fold (see pattern)
4. OPTIONAL: To give the tail and dorsal fin a fluttery look, cut edges to create a fringe.



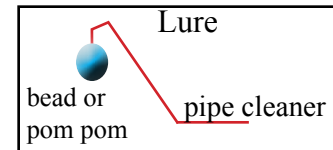
Hat:

1. Add an elastic (or yarn) strap to hold hat onto the student's hand. Determine the length of strap needed based on average size/age of students in class. Cut the elastic or yarn straps. Note: You need two pieces of yarn for hat, so it can be tied under student's chin.
2. Staple the strap to each side of the paper plate.



Lure:

If using a bead, depending on the age of students, either an adult can prepare the lure in advance or let students put on bead themselves. If using pom pom, an adult will need to prepare in advance.



Bead lure:

1. Feed bead through one end of pipe cleaner. Once through, gently, but tightly twist pipe cleaner to secure bead.

Pom pom Lure:

1. Using a glue gun, secure a pom pom to the end of each pipe cleaner.
2. Carefully poke a hole into the pom pom.
3. Fill the small hole with hot glue.
4. Quickly push the end of the pipe cleaner into the hole.
5. Add more hot glue to fill in space.
6. Allow to cool.

(Be sure and follow safety guidelines set out by glue gun manufacturer.)

Make the craft:

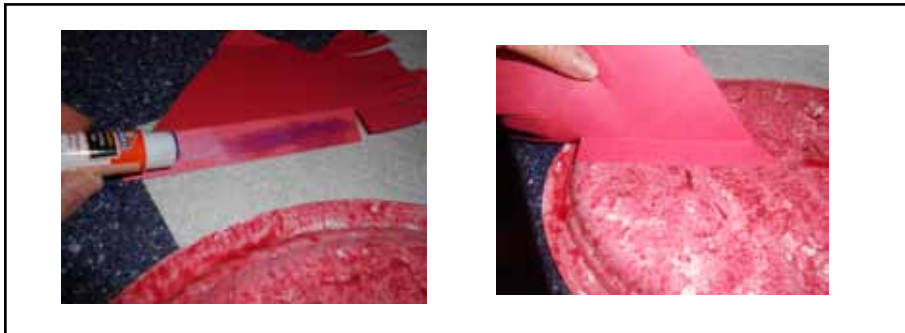
STEP 1: Sponge paint top of hat (bottom of plate). Allow to dry



STEP 2: Glue a pectoral fin on to bottom edge of each side of the hat near the head



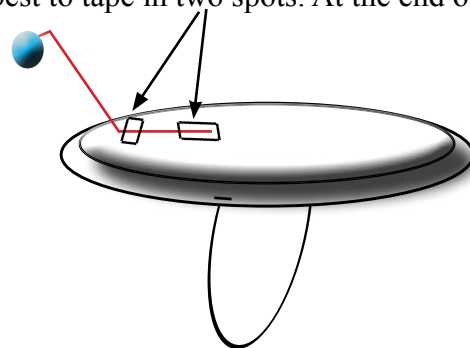
STEP 3: Glue dorsal/tail fin on to back of hat.



OPTIONAL: If not prepared in advance

STEP 4: Add lure by threading one end of the pipe cleaner through the bead. Bend the tip of the pipe cleaner around the bead, then give the pipe cleaner and gentle but tight twist.

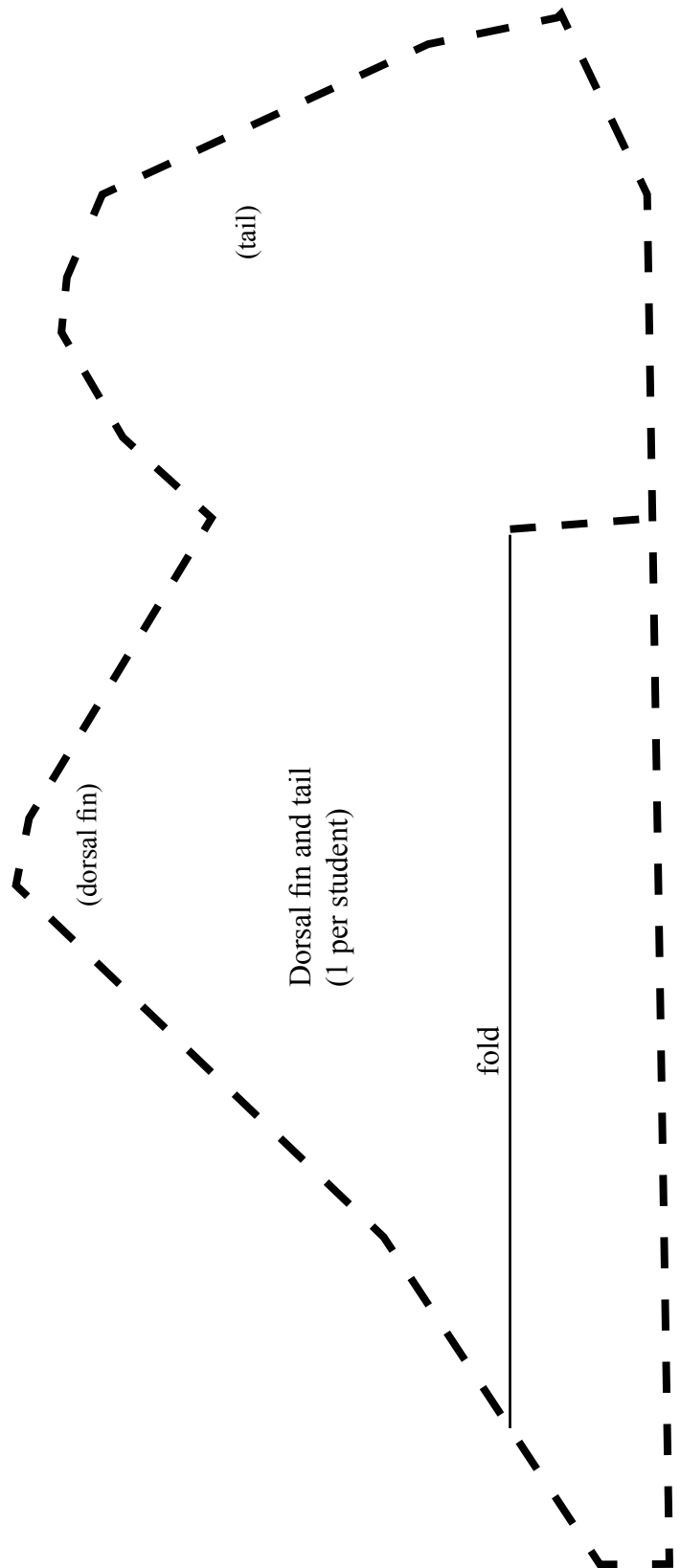
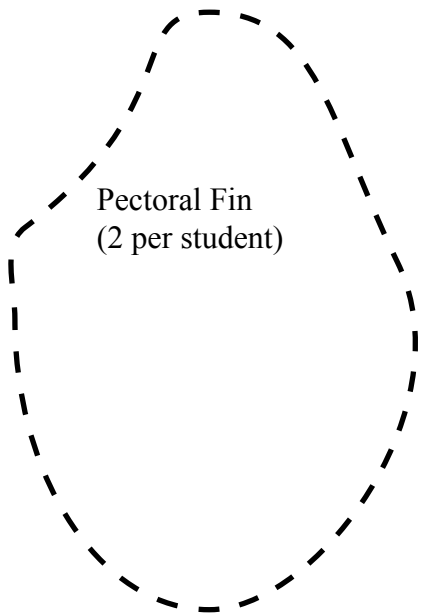
STEP 5: Have an adult tape the lure onto the hat. It is best to tape in two spots. At the end of the pipe cleaner and near the bend at the front to the hat.



STEP 6: Have students put on hat. Their eyes and mouth are the anglerfish's. Have students role-play an anglerfish fishing for its dinner.

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DEEP-SEA ANGLERFISH HAT PATTERNS



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