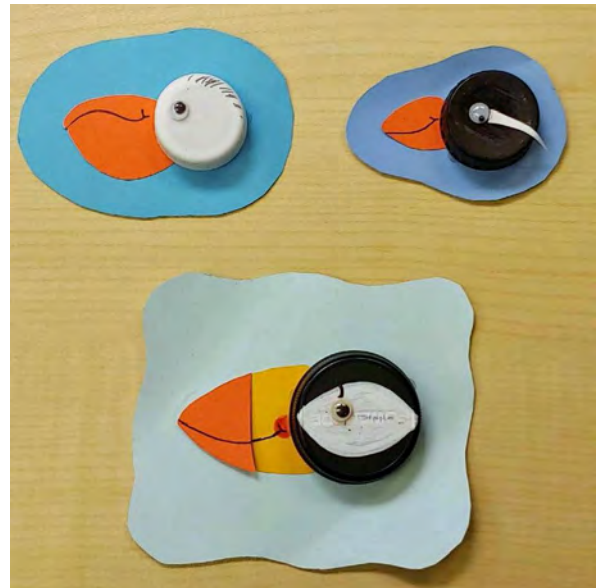


You will need:

- Bottle caps
- Cardstock and/or construction paper
- Scissors
- Marker and paint and paintbrush
- Glue

Optional:

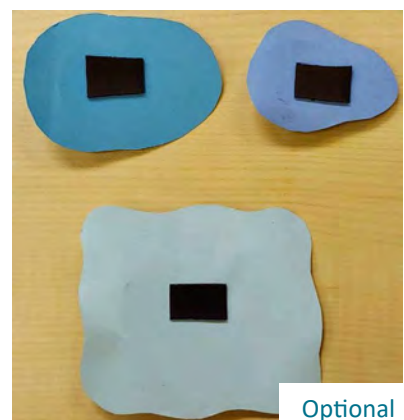
- Wiggly eyes
- Magnets



Directions:

1. Choose your favorite seabird and find a good picture of it online or in a book
2. Paint your bottle cap if needed; let dry
3. Cut out the background
4. Cut out the beak shape of your seabird and glue to the background or draw the beak directly on the background
5. Glue the bottle cap to the background on the edge of your beak
6. Glue wiggly eyes or any eyes of your choosing on the bottle cap
7. Draw or paint on a mouth or any other decorations needed for your seabird

Optional: Glue a magnet on to the back of the background and display your masterpiece on your fridge!



Optional

Materials Ideas:

- Plate
- Cups
- Timer
- Food: Beads, yarn/string
- Beaks: Tongs, Tweezers, Spoon, Fork, Butter knife, Slotted spoon, Chopsticks
- Pen and paper

Directions:

Many seabirds have different beak shapes to help them catch their food. Try the following experiment about bird beaks:

1. Place a bunch of small beads (representing the krill, a tiny shrimp, that a Parakeet Auklet eats) on to a plate
2. Place a variety of bird “beaks” (tongs, tweezers, spoon, fork, butter knife, slotted spoon, chopsticks) next to the plate
3. For each participant, put an empty cup near the plate to be their bird “stomach”
4. Have each pick a tool and give them 1-2 minutes to pick as many “fish” as they can with their “beak” and place them in their “stomach”
5. Record which tool was used and how many fish caught with it
6. Repeat using a different tools until all the “beaks” have been tried
 - A. Which “beak” was the most successful?
7. Now take the beads off the plate and replace them with a bunch of pieces of yarn or string (representing the slippery fish a Horned Puffin or Thick-billed Murre would catch) and try the experiment again
 - A. Which tool helps the puffin carry as many fish as it can back to its nest to feed its pufflings?
 - B. Which tool is better for catching larger fish that the murre eat?
8. Compare the tool shape to the shape of the beak in the images of each bird.

Adults Only: The best tool for each bird should be: auklet = spoon; puffin = tongs; murre = chopsticks

Materials Ideas:

- Vegetable shortening
- Gallon zip-top bags
- Tape (duct tape or another wide tape)
- Cold water
- Ice

Directions:

Many Arctic animals have a nice layer of blubber to help keep them warm in their cold habitats. Try making the following blubber glove:

1. Place 1-2 cups vegetable shortening in to a gallon zip-top baggie
2. Take another gallon Ziploc baggie and turn it inside out and put it inside the baggie with the Crisco
3. Tape the open ends of the baggies together so the Crisco can't escape
4. Repeat with 2 more baggies except do not add Crisco (just air between the baggies)
5. Fill a sink, cooler or large bowl with cold water and add lots of ice
6. Place both gloves in the cold water keeping the open ends above the water level
7. Everyone take turns testing which "glove" keeps their hand warmer

