How-to-do activity – Bird Observation

**Paper-roll Binoculars**

Materials:
- Cardboard rolls from inside toilet paper, paper towel rolls, or wrapping paper. Each pair of binoculars requires two 4-5” long tubes (i.e. two toilet paper rolls).
- Contact Paper: Each pair of binoculars requires 4-5” wide by 16” long strip of contact paper.
- String or yarn: Each pair of binoculars requires about 2-3 feet.

Tools:
- Scissors

Assembly:
- Cut cardboard tubes to length if needed (see drawing).
- Cut contact paper to match the length of the tubes (i.e., 4-5”) by about 16” (i.e., long enough to wrap around the two tubes loosely positioned next to each other).
- Peel the backing off of the contact paper and lay sticky side up.
- Lay the two tubes next to each other, allowing room for the paper to wrap the tubes so that they look like a pair of binoculars (see illustration below). This will be awkward at first, but practice makes perfect.
- Make a small hole on one outside edge of each tube and attach string or yarn to create a neck band (see illustration below).