



# Bird Binoculars

Visitors will get to make bird binoculars that they can use to go bird watching.

Topics	Process Skills	Age Range
The Study of Animals Investigation	Knowledge of Birds Fine Motor Skills Hand-Eye Coordination	

## Supplies

- Toilet Paper Rolls
- Construction Paper
- Yarn or String
- Masking Tape
- Glue Sticks
- Scissors
- Hole Punchers
- Markers
- Random supplies to decorate the binoculars (i.e., foam pieces, glitter, pompoms, feathers, etc.) Optional

## Advanced Preparation

- Cut the string or yarn into long pieces.
- Cut strips of construction paper in halves, long ways, to fit around the binoculars.
- To Prepare the Toilet Paper Role Binocular Starts:
  - Find two TP roles.
  - Clean off excess paper from roles.
  - Use glue to connect the roles together and tape in place.
  - Hole Punch holes in each side outer side of one end of the binocular, to allow it to be strung with yarn and worn around the neck.
  - Repeat process to create tons of binocular starts.

## Set Up

- Place out the appropriate table sign
- Put out binocular starts
- Put out strips of construction paper
- Put out yarn or string
- Supply decorating materials
- Supply markers, tape and glue sticks

## Procedure

- Find a set of toilet paper rolls.
- Wrap the outside of your tubes with a strip of construction paper and tape it into place.
- Tie a piece of yarn or string to your binoculars using the holes punched in the sides.
- Decorate your binoculars!
- Wear your binoculars around your neck and go bird watching!

## Discussion Questions

*Explore the children's knowledge on the subject through open-ended questions.*

### Ask:

- What color are your bird binoculars?
- Where do you see birds?
- What is your favorite bird?
- Why do birds fly?

## Explanation

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*The following is a sample of some scientific explanations behind this subject.*

Birds are the only animals that have feathers. Birds also have mostly hollow bones that make them light weight combined with powerful chest muscles that help power the bird's wings for flight.