Ms. Valerie’s Learning at Home Activity

Paper Tube Binoculars

Related Science Lesson Airs February 24, 2021 on WQLN PBS

How to Make

Owls have binocular vision. They see very well far away but not as well close-up. They also cannot move their eyes like we can. Use these homemade binoculars to talk about and experiment with binocular vision. Go for a walk in the forest. What can you see with your binoculars?

Materials:
- Paper tubes
- Masking tape or other tape
- Yarn
- Hole punch or something to punch a hole

Directions:
1. Tape two paper tubes together using masking tape.
2. Punch a hole in the outside of the two paper tubes.
3. Tie yarn in the holes to make a neck strap.
4. Look through them like binoculars.

Extension: Make binocular glasses by popping the lenses out of an old pair of glasses. Tape the paper tubes to the frames. Use these to experiment with binocular vision.