

# How to Make Bird Watching Binoculars



You will need:

A large piece of newspaper or scrap paper to work on

2 Cardboard bathroom tissue tubes

1 approximately 2-inch piece of the cardboard tube for the center of the binoculars

Liquid glue and some tape

Markers, paint or stickers to decorate

Yarn, ribbon or one shoe lace

Lay the piece of newspaper or scrap paper on top of the area you are going to work on.

Hold both cardboard tubes up to your eyes. Hold the tubes together & look through them; then hold the tubes slightly apart & look through them. Which way can you see better? Together or apart?

If you can see better when the tubes are slightly apart, you will need to use the small piece of cardboard in your kit to keep the tubes apart when you are using them.

If you can see better when the two tubes are touching each other, you won't need to use the small piece of cardboard that is in kit.

If you will be using your binoculars without the centerpiece:

Locate the hole punched in the tube. This will be for the string (strap) that will be attached so that you will be able carry the binoculars around your neck. On the side of 1 tube, opposite the hole, place a strip of glue, lengthwise, along the center of the side of the tube. Make sure the glue is spread from one end of the tube to the other end. On the second tube, locate the hole. Press the side, opposite the hole to the strip of glue. Use a clip or clothespin on each end of the tube to hold them together just until they dry. Continue using the instructions below to attach the string.

If you will be using your binoculars with the centerpiece:

Locate the hole punched in the tube. This will be for the string (strap) that will be attached so that you will be able carry the binoculars around your neck. On the side of 1 tube, opposite the hole, glue the open end of the short tube to the center of the long tube. Let dry for about 10 - 15 minutes or until the piece no longer slides. On the second tube, locate the hole. On the side opposite the hole, glue the other end of the short tube to the center of the long tube. Let dry. (You may need to use some tape to help secure the center piece.) Continue using the instructions below to attach the string.

Insert one end of the string into the hole on one of the tubes. Push the string from the outside of the tube to the inside. Pull string up about 2 inches and tie it to itself with a knot.

With someone helping you, hold the binoculars on your chest and have someone measure the string, around the back of your neck to the hole on the other side of the tube, to see how long it should be (allow about 3 inches of string to tie a knot). Cut off any extra string. Now repeat the step above and insert one end of the string into the hole. Push the string from the outside of the tube to the inside. Pull string up about 2 inches and tie it to itself with a knot.

If you would like to decorate your binoculars, use markers, paint and or stickers. Decorate as desired.

You are ready to go bird watching.

