

Binoculars made from small plastic bottles



Great for PLT Early Childhood Environmental Experiences

ITEMS NEEDED:

- 1) Small Plastic Bottle – **Cleaned**
Such As

Danimals® Smoothies

DanActive

Ensure

Milk Bottles from McDonalds

And other small plastic containers available that have been cleaned

- 2) String or Yarn for neck strap
- 3) Cleaned used straws or new straws
- 4) Beads and or other decorations
- 5) Bottle cap
- 6) Glue Gun and glue – with students use cool glue gun type
- 7) Permanent marker or masking tape to decorate
- 8) Duck Tape for decoration or option B of connecting 2 bottles together and to hold string to bottle for neck strap.
- 9) Something to cut bottom out of bottle (Adult should do this part)

Can use option in photo to connect two bottles, or use duck tape to connect two bottles together.

- A. Connect the two bottles together with Option 1: gluing the bottles together using straws as shown in photo with cool glue gun. Option 2: Using cool glue gun – glue plastic bottles together and reinforce by using color duck tape to hold two bottles together in largest section at the center.
- B. Pre-measure length of string needed so students can get binoculars on and off over their head easily. Tie one end of string around one end of bottle. This will be the end that you would have drunk from the bottle so it is smooth next to the student's eyes.
- C. Have the student string straw pieces and or beads leaving enough room at the end to tie around 2nd bottle to complete the neck strap. Use small section of duck tape to cover the string to hold in place.
- D. Decorate as desired.- Small bottle cap can be placed to represent focus part of binoculars.