DIY MAGNIFYING GLASS

MATERIALS
• A clear plastic bottle (2 liters are great!)
• Scissors and utility knife or Xacto knife
• A pen or marker
• Hot glue or waterproof craft glue
• A trusted adult to help with the cutting and gluing

PREPARATION
• Get a closer look at all the cool stuff you can find outdoors by making your own magnifier!
• Trace and cut out 2 same-size circles from the curved part at the top of a plastic bottle. Pro tip: use your knife to cut off the bottom of the bottle, then you can use scissors to cut out the circles. Put glue around ¾ of the edge of one of the discs you just cut out. Press the edges of the 2 discs together so that it looks like a round pillow.
• Once the glue dries, fill the lens with water by dunking it into a bowl or sink full of water. You can get rid of air bubbles by gently squeezing the 2 sides of the lens. Dry it off and seal it up by gluing the remainder of the edge closed. Voila!
• If you don’t have glue, you can still make a simple magnifier by cutting out just one disc and filling it with water. Be careful not to splash all the water out!

GO OUTSIDE!
• Look for interesting things.
• Make them appear bigger.
• Draw, photograph, write about them, or just quietly observe.