

Making A Pinhole Camera

1. Measure 4 2 1/2 X 4 inch rectangles. Measure 2 2/12 X 2 1/2 inch squares.
2. Cut out pieces.
3. Paint 1 side of all 6 pieces with black paint.
4. Tape the 4 rectangular pieces together at the long ends to create a box.
5. Tape 1 of the squares to one side of the box.
6. Paint the tape.
7. With a pen and ruler draw diagonal lines from the corners on one side of the 2nd square.
8. Where the lines intersect draw a small rectangle.
9. Cut out the rectangle.
10. Using a needle poke a small hole in a piece of metal.
11. Sand off the raised burrs on the backside of the metal.
12. Blacken the backside of the metal.
13. Attach the pinhole plate to the square. Be sure to position the hole in the center of the square.
14. Attach the pinhole square to the box.
15. Create a shutter with black plastic and tape over the pinhole.
16. Cover the opposite side with black plastic. Secure the plastic using a rubberband.

Using Your Pinhole Camera

1. In the darkroom place a piece of photographic paper in the back of the camera. Shiny side facing out.
2. Practice with exposure time. Try 30 to 90 seconds on a bright day and 4-6 minutes inside or on a cloudy day.
3. Record your exposure times.
4. Develop the paper in the darkroom.
5. Dry prints.
6. Contact print the negative to another piece of paper to create a positive.