Making A Carboard Camera!

1. Start with an 18"x24" sheet of cardboard

2. On the long edge measure out to 16 inches on each side, then draw a line across using a ruler.





4. On the bigger board measure and mark lines every 4-1/2 " (so on your ruler that would be a mark at 4-1/2", 9", and 13-1/2")

OR use provided template



5. On smaller board, measure out every 4-3/8" (so on your ruler that would be a mark at 4-3/8", 8-3/4", 13-1/8", and 17-1/2")



7. Using a ruler and a firm edged object, like a bone folder, score (put a crease in) the cardboard along each line, for each board.

8. fold the boards on their scored lines,



then use tape to secure the two open edges together and give the box some strength



if your edges aren't making a good, light proof seal, use black tape to cover the connecting edges.





this is your *aperture*!

16. Trace the end of small box on tracing paper



17. Add tabs and then cut around



18. Tape to the end of the small box, using the tabs to secure the tape.

Keep the tracing paper on the end clear of tape.









19. Slide your image sensor end into the open end of your larger box



20. Done!

look here slide back and forth to focus

Congrats!

You made a camera!

Go experiment with it! Use your cell phone to capture your images.