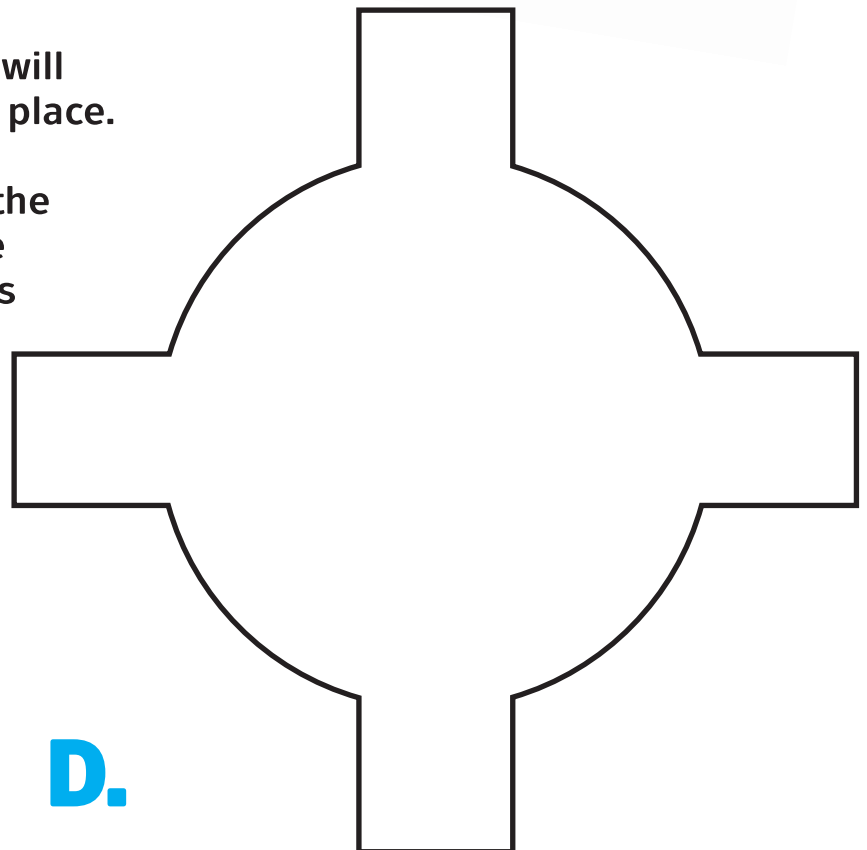
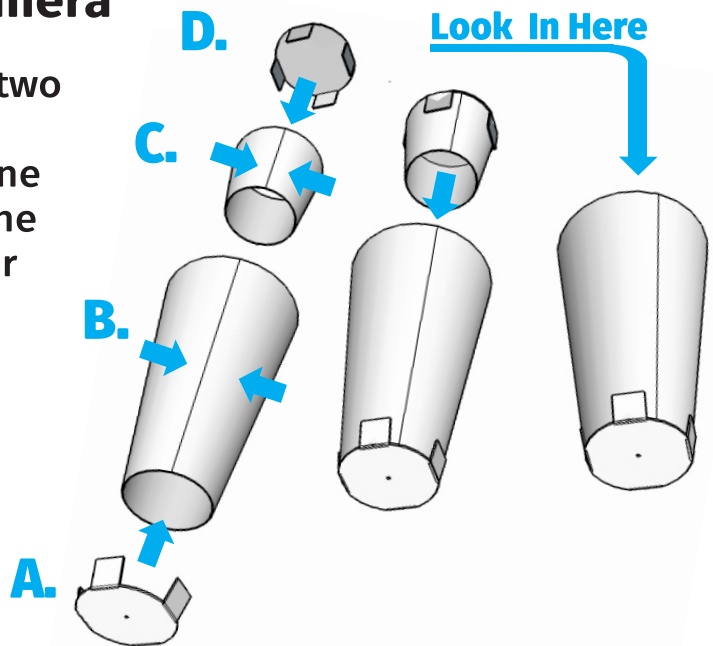


# SEEING WITH 2 He 4.0026 ATOMS

## Instructions for Pinhole Camera

1. Cut out shapes **A**, **B** & **C** from the two pieces of card.
2. Roll the largest piece **B** into a cone like shape so that the black is on the inside and tape the edges together with tape.
3. Roll the medium piece **C** into a cup shape with the black on the inside and tape the two straight sides together.
4. Cut out the tracing paper shape **D** and fit it over the larger end of the cup shape **C** and tape the tabs to the outside of the cup **C**.
5. Push the cup **C** as far as it will go into **B** and then tape **C** in place.
6. Tape the cup **C** in place.
7. Fit the black circle **A** over the small end of the larger cone like tube **B** and tape the tabs to the outside.
8. Seal any gaps with tape.
9. Trim the larger opening of **B** so that it fits nicely over your eyes and nose.
10. Look through the opening, using your hands block any light coming in around your eyes and point the pinhole camera at something bright.
11. What do you see?



**WARNING: NEVER LOOK DIRECTLY AT THE SUN**