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THINGS TO DO
BEFORE YOU'RE

11 $\frac{3}{4}$

No. 27 Go Stargazing

How to make a constellation tube

A constellation is a group of visible stars which form a pattern. There are 88 constellations that can be seen from Earth.

You will need:

- A cardboard tube from a kitchen roll
- Some paper, pens or glittery bits to decorate
- Glue stick
- Scissors
- Rubber band

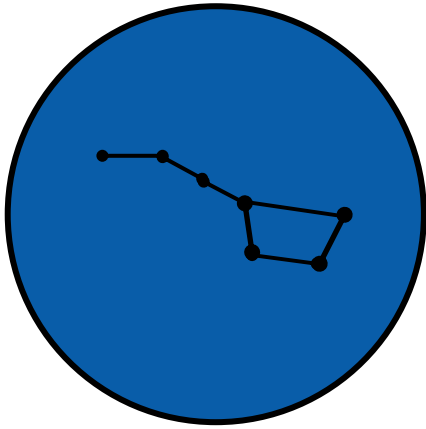


How to make the constellation tube:

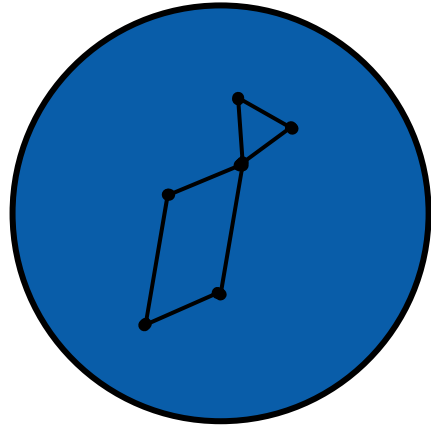
- 1) First, decorate your cardboard kitchen roll tube. You could colour it with pens and pencils, cover it with coloured paper or decorate it with glitter.
- 2) Next, print your constellations sheet, choosing either the version with blue backgrounds or the ink-saver version. Choose the constellation you would like to view. Cut out that square.
- 3) **Ask an adult to help with this next bit.** The adult should carefully poke a hole through the paper on each dot. Be sure that no one's hand is behind the paper to avoid getting poked. The dots are the stars, so once you have done this, your constellation is ready to view!
- 4) Now use a rubber band to attach the constellation, with the drawing on the inside, to the bottom of your tube.
- 5) Time for viewing! You have two choices. You can look through the tube to see the constellation. Or, instead of looking through the tube, you can shine a torch into the tube and project the constellation onto the wall.

Constellations

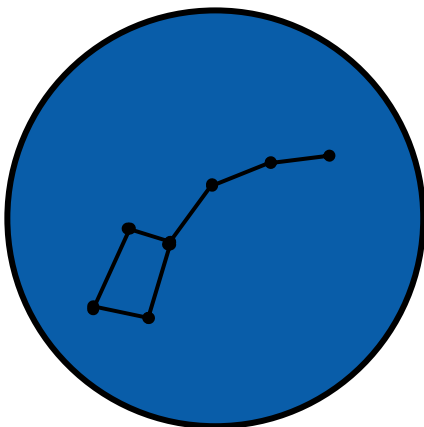
Big Dipper



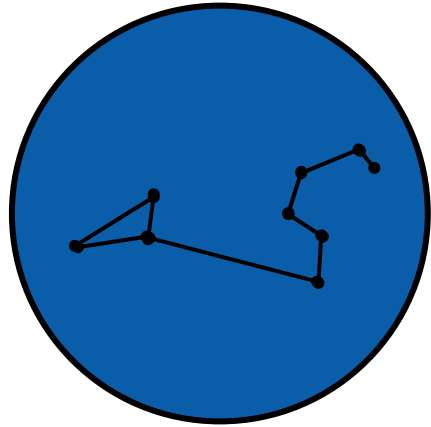
Lyra



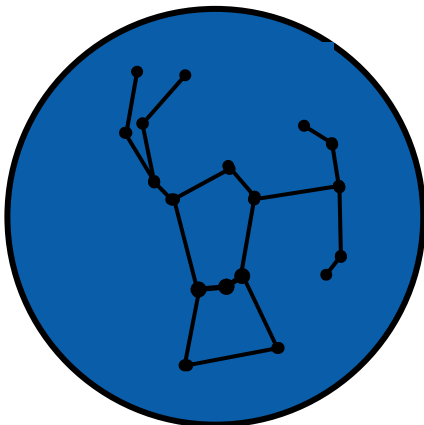
Little Dipper



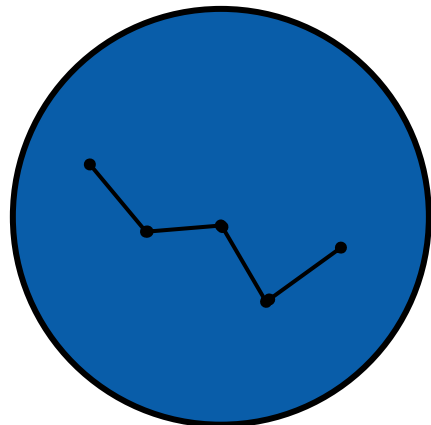
Leo



Orion

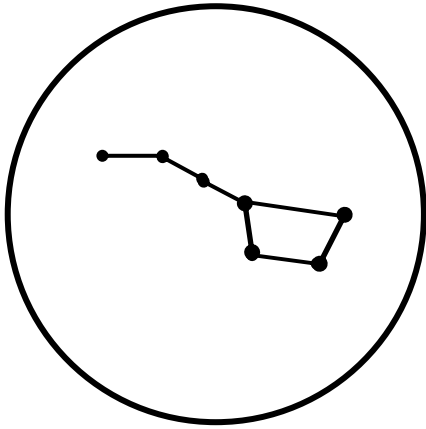


Cassiopeia

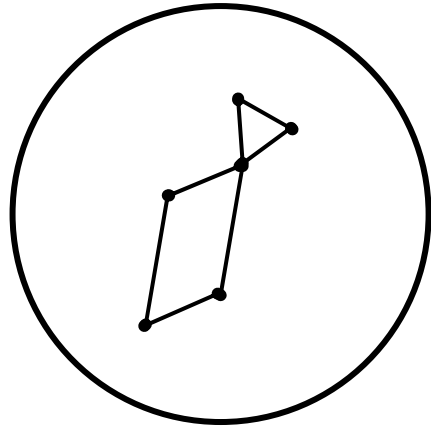


Constellations (ink saver)

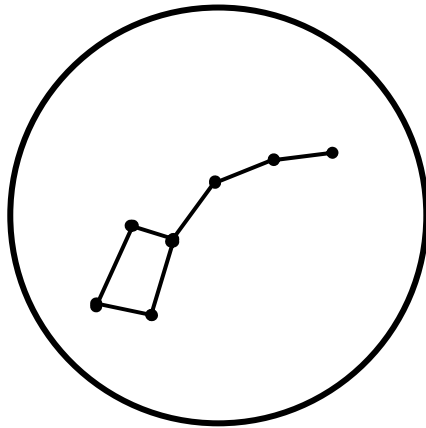
Big Dipper



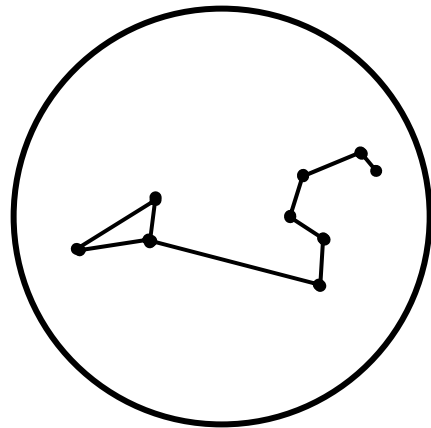
Lyra



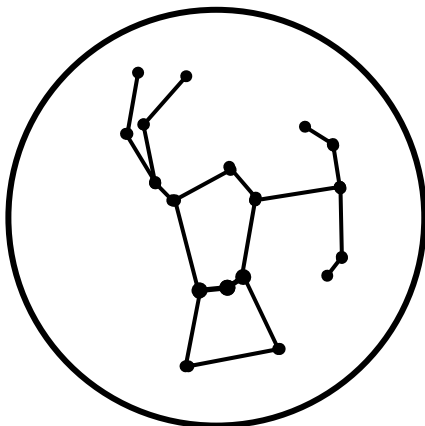
Little Dipper



Leo



Orion



Cassiopeia

