

CONSTELLATION LIGHT

Materials

- Cardboard
- Toilet Roll Tube
- A pin
- Pen
- Scissors
- Images of constellations
- Torch

What to do.

- **Cut out a small square from your cardboard** - Make the square approximately 7cm x 7cm. Make sure you get an adult to help if needed.
- **Use your pen to draw a constellation on the card**- Choose a constellation from your images, you can get these on pinterest or google images for example. Use the pen to place dots that represent the star in the constellation.
- **Place your square of cardboard with the constellation on a table and pierce holes in the dots representing the stars with the pin.** You should ask for an adult to help or supervise this part as it can be tricky. It might also be useful to place the remainder of the cardboard under the square so you don't damage the surface you are working at. Wiggle the pin after it has pierced each hole so that they are a little larger.
- **Place the square with the constellation holes on top of the toilet roll tube.** You need to place the cardboard at an open end of the toilet roll tube. You could cut the cardboard into a circle using the tube as a guide so that it fits neatly.
- **Shine your torch up the tube so that the light comes out through the constellation holes and projects the constellation on a wall.** Turn off all your lights so that the constellation shows up clearly. You could make a number of constellations or make a bigger one if you have a large tube.

Watch the instructional video

- <https://youtu.be/IVH3veViiPA>

