



To complete this activity, you will need:

- 1 piece of A4 paper
- sticky tape
- a copy of the results sheet
- something to write with
- a clear, dark night!



Make sure to do this activity on a clear, dark night when there are no (or very few) clouds!

Instructions

1. Roll your piece of A4 paper lengthways into a tube, trying to keep the overlap as small as possible.
2. Secure your paper tube with sticky tape.
3. Take your tube outside and let your eyes adjust to the dark. This involves not looking at any light sources, and simply standing in the darkness for a few minutes. This allows your eyes to become more sensitive to the light and means you can see more stars.
4. Look through your tube and select a piece of the night sky that is free of any clouds. Keep the tube very still and count how many stars you can see through the tube.
5. Record your result on the recording sheet.
6. Repeat steps 3, 4 and 5 for 4 more different parts of the night sky. Remember, to select a part of the sky that is free of clouds and to keep the tube as still as you can.
7. Add your 5 results together. Record your sum total on the recording sheet.
8. **Enter your total** on the TSO website to find out how many stars were visible across the entire night sky. Your postcode helps astronomers monitor light pollution across the UK!

