

## Counting Stars Recording Sheet

Use this sheet to record your results from the 'Counting Stars' activity.

School's Postcode	Result 1	Result 2	Result 3	Result 4	Result 5	Total

How many stars did you count altogether?

What is the average (divide by 5):

Multiply this by 193 (that's how many tube sized pieces make up the visible night sky!)

This is the number of stars visible in the sky!

Due to the shape of the Earth (sphere) we can only see one half of the sky (one hemisphere), so if we wanted to calculate how many stars are visible to the entire planet we would need to double the answer above.

Of course the total number of stars in the Universe is much, much bigger but that is because most are so far away we cannot see them with just our eyes, we need to use telescopes.

Remember:

- Give your eyes a few minutes to adjust to the darkness before you start counting.
- Keep your tube as still as you can when counting.
- Try to find 5 different parts of the night sky that are free of clouds.

