

STARGAZING: CREATE A CONSTELLATION!

TWILIGHT AT
 HOME

Go outside on a starry night and find a set of stars that look like this:



This is known as the Big Dipper or the Plough – it's part of a constellation (group of stars) called the Great Bear. Here is a 200-year-old picture of the great bear:



Can you find the set of stars in the picture? (look at the bear's tail!). Now look at the sky again. Can you find the rest of the bear?

If you didn't have the picture, would you think it was a bear? What else could it be? Sometimes people create their own constellations. This star globe in the Whipple museum collection includes one named after William Herschel's telescope: can you see it?



YOUR CHALLENGE: INVENT YOUR OWN CONSTELLATION

You can use the Big Dipper/Plough or find another shape made by stars in the sky.

Draw your constellation and give it a name. Will you give it your own name or something else?

If you like you can take a photograph of it and share it with the Museum at [@whipplemuseum](https://www.whipplemuseum.cam.ac.uk). You can find more globes, telescopes and objects related to stars by visiting:

[https://www.whipplemuseum.cam.ac.uk/
explore-whipple-collections/astronomy](https://www.whipplemuseum.cam.ac.uk/explore-whipple-collections/astronomy)