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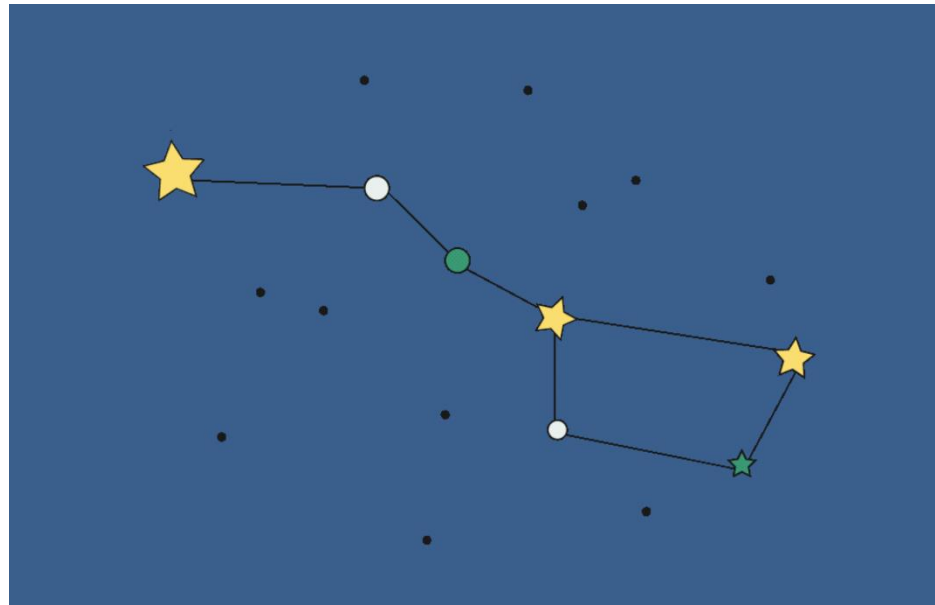
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Black Science Heroes: Neil deGrasse Tyson

Neil deGrasse Tyson is an astrophysicist and science communicator. An astrophysicist studies the universe and stars and planets in particular. They often use a telescope. Can you study the stars like Neil deGrasse Tyson?

October is a great time of year to look at the night sky. If it's a clear night you might be able to see the stars in the sky without a telescope! People have been looking at the sky for hundreds of thousands of years and they would find constellations. A constellation is a group of stars that looks like a particular shape in the sky and has been given a name. The stars are not connected at all but people have joined them together in their mind (a bit like a dot-to-dot). You can see different constellations depending on the time of year and where in the world you live.

1. Here is a picture of a constellation you can see in the UK. This is the plough. Have a look when it gets dark on a clear night! Can you find this shape in the night sky? *You can use a star finder app on an electronic device to find other constellations if you like.*

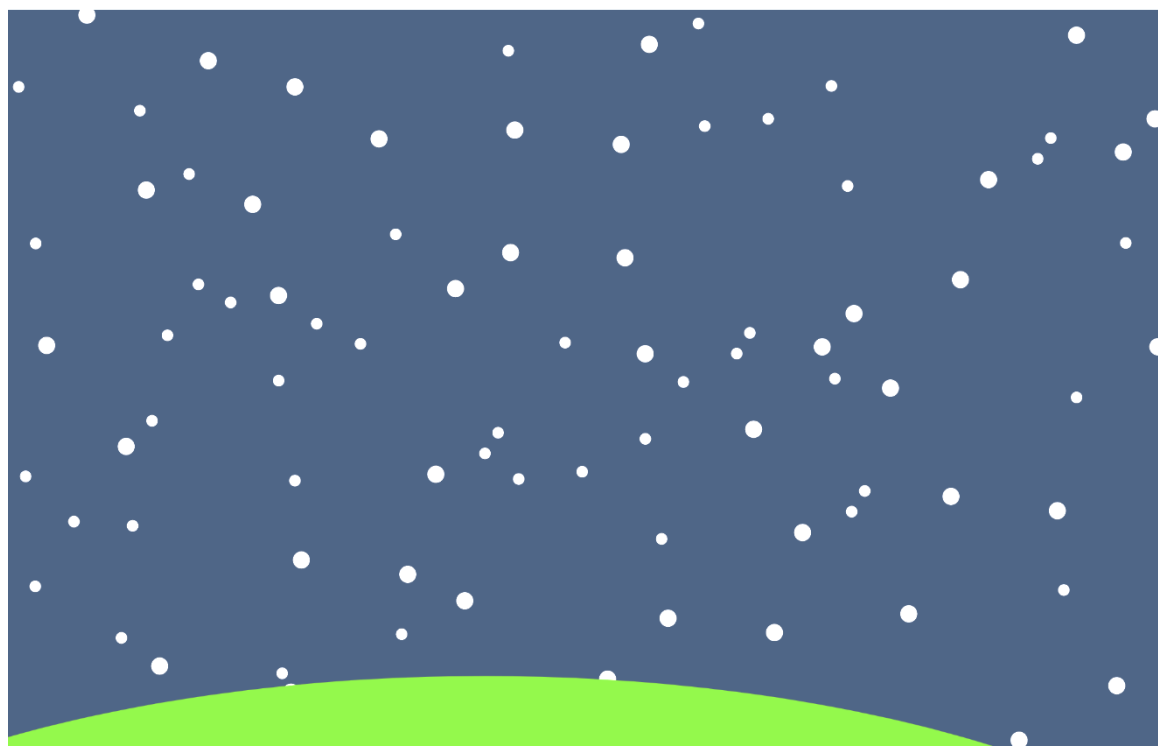


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People around the world have had different names for constellations, depending on what pictures people saw when connecting the stars/dots. The plough or the big dipper is only part of a bigger constellation called Ursa Major, or the 'Great Bear'. In Greek Mythology, the god Zeus turned someone who made him unhappy into a bear as punishment and it is said that this is why you can see this shape/constellation in the night sky.

2. Can you create a constellation by connecting the dots/stars below to make a picture? Don't forget to give your constellation a name!



My constellation is called: _____

