

Y4

Science home learning 3rd March 2021

Below I have attached lesson 2 for you to carry out and complete.

Please take a photograph of your work and send it in using Dojo. Thank you 😊

Lesson 2 – Stars and Constellations

Today we are looking at stars and how they are arranged in the sky to create constellations. Stars are giant balls of gas in outer space, just like our sun! Lots of stars in our solar system can be seen with the naked eye (without a telescope) when it's dark and there aren't many clouds. I would like you to do the following to improve your understanding about stars and constellations:

1. Watch this video to learn about what a star is:

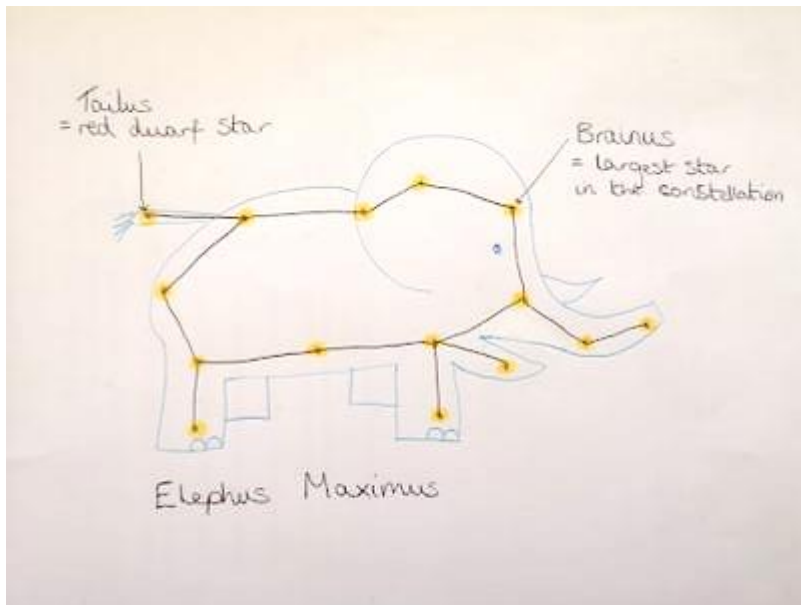
<https://youtu.be/ZrS3Ye8p61Y>

2. Watch this video to more learn more about constellations:

<https://youtube.com/watch?v=1sZ15SUeS9w&feature=share>

3. Time to design your own constellations! After seeing some real-life stars in the videos, I would love you to design your own constellation. Create a design that shows the stars and the picture that you think it looks like. Give the constellations a name too! You could even name a few of the individual stars.

Here is one I made to help you with ideas – Elephus Maximus



4. **Bonus challenge:** Go outside this evening after the sun has set and the sky is very dark and see if you can spot any constellations. If it is cloudy, maybe try again another night when the sky is clear. Ask an adult to help you! Did you spot 'The Plough' or 'Orion's belt'?