

## Science Summer 1 Week 2

### Space Project 1

This week you are going to be finding out how we know the Earth is a sphere, why we have day and night and why we have different seasons.

There are 3 parts to this project. You should aim to spend around 1 hour on each part. You have one week to complete it. If you have time, there is an optional fourth session where you can do some research and pattern spotting.

### Part 1 – How do we know the world is a sphere?

Believe it or not, a long time ago, people thought the Earth was flat and thought that you could walk off the edge of it.

Now we know that it is a spherical shape.

#### Step 1:

Watch the video at <https://www.bbc.co.uk/bitesize/clips/zd3fb9q> this explains how Aristotle worked out the Earth was Round.

#### Step 2:

Look at the key words in the table below. These are words you would have heard in the video. Using your own words, write a definition for each one.

<b>Key Word</b>	<b>Definition</b>
Aristotle	Type your answer here.
evidence	Type your answer here.
sphere	Type your answer here.
curved surface	Type your answer here.
constellations	Type your answer here.
horizon	Type your answer here.
hull	Type your answer here.

#### Step 3:

Now you are going to choose **one** of the options below to present what you have found out today.

1. Create a comic strip showing how Aristotle proved the Earth was a sphere.
2. Create a poster showing each of the ways that provide evidence the Earth is round.
3. Write a short paragraph explaining how scientists have proven that the Earth is a sphere.

You must include all of the key words above in the activity you choose.