



Earth, Sun & Shadows

Cross-curricular activities

English

Write a diary entry from a historical person's perspective: a sailor using stars to navigate, a person from Ancient Greece or Rome. Write a factual report or explanation text about the trail or an aspect related to light, like sundials, or light sources. Create a poem about light and shadow. Create their own myths and legends based on those from ancient Greek culture. Write instruction text about how to make a sundial.

Maths

Telling the time. Roman numerals. Using the data collected from the trail to create line and bar graphs.

History

Look at the history of using natural light sources for: telling the time – sundials; navigation - using the stars etc. When were mechanical clocks first invented and by whom? Who used stars to navigate their way around the globe? Links to Ancient Greece (star navigation and sundials) and Romans (sundials – they took the idea from the Greeks). Look at Stonehenge – links to New Stone Age.

Geography

Look at the journeys made across the world's oceans by civilisations that used the stars to navigate. What were the names of the seas or oceans they travelled on? Do an in-depth study of one of the locations noted – Greece, Wiltshire (if it contrasts with your own location), or do a local study if there are links to light through well-known monuments or a sundial.

Art

Create a mythical creature – sculpture, painting or other media like collage. Look at artwork about time and timepieces – Dali. Look at paintings and images of the sun – how is it depicted?

