

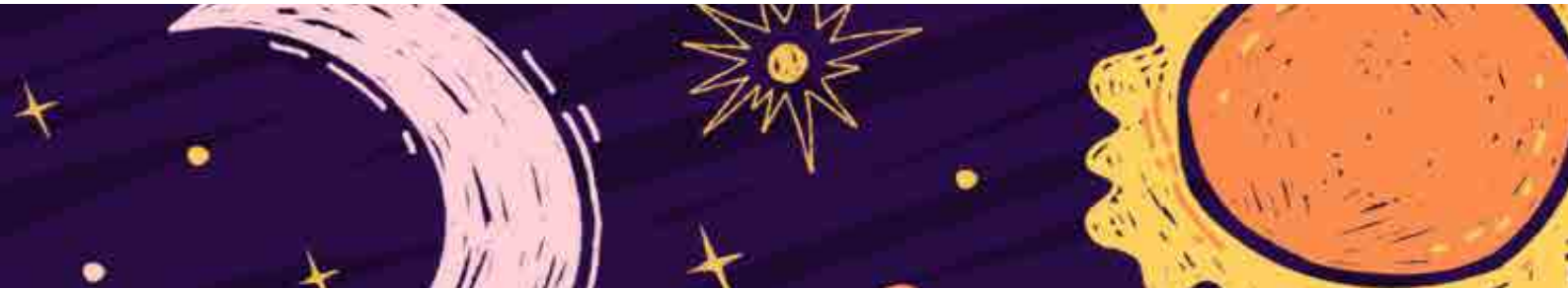


Activity 1: Our Very Special Star

The Sun is our own very special star. The Sun is hugely important to us, its powerful rays keep us warm, it allows food crops to grow and makes all life possible. For millions of years humans have created images of the Sun in many different ways such as chipping circles and spirals into rocks or scratched into metal, painted complex images on walls, printed images in books and sculpted in stone. Each culture has created stories that tell of the Sun's importance in our lives.

To Do: Draw, paint or make a collage of your own Sun. See a selection of samples below for inspiration.

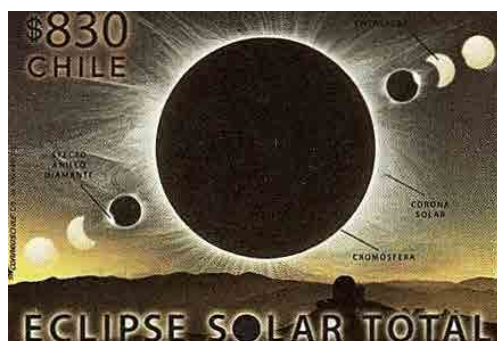
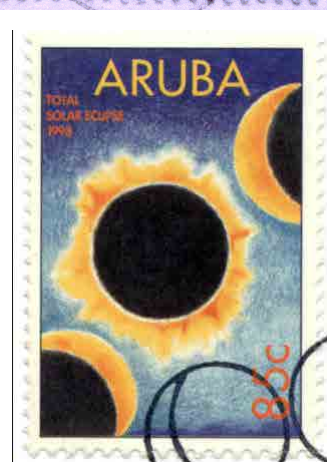
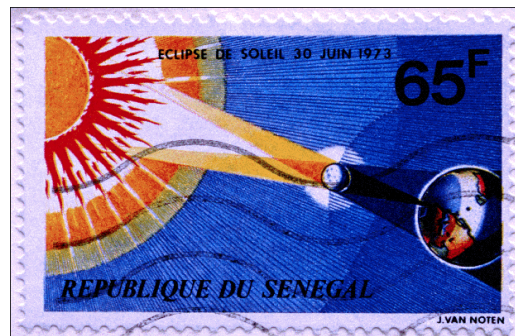




Activity 2: Solar Eclipses

A solar eclipse is when the Moon fully or partly blocks sunlight. This occurs when the shadow of the Moon passes over the Sun completely covering the Sun. Total solar eclipses are very rare and lasts only a few minutes. To celebrate these rare events many countries in the world publish special commemorative stamps.

To Do: Design a stamp of a solar eclipse. See a selection of samples below for inspiration.





Activity 3: Solar Observatory

A solar observatory has a large solar telescope that allows us to study more about the Sun. Unlike astronomers who study the sky at night, scientists who observe the Sun will do so during the day when the sky is clear and the Sun shines.

To Do: Design and build a 3D solar observatory with recycled material you may find around the house, like empty cardboard boxes, plastic containers, wooden or metal sticks and aluminium foil. See example below.



Big Bear Solar observatory on Big Bear Lake, California.

