



Credit: Getty Images

Moon and tide picture

This simple art activity reinforces the connection between the Moon and the tides.

You will need

- Paper
- Paint
- Black crayon
- Pencil

Steps

1

Draw the horizon halfway up the paper, all the way across from one side to the other.

2

Paint the bottom (under the horizon) with light blues and greens – this is the ocean – and leave the top (above the horizon) white.

3

Colour over the whole dry picture with a black crayon. Don't leave any spaces.

4

Using the top of a pencil scrape off the black crayon somewhere in the sky area. Make it a circular shape (this will be the Moon).

5

Scrape off some crayon near the bottom of the picture to make waves in the ocean.

6

Scrape off the reflection of the Moon along the ocean section.

7

What else in the scene might catch the moonlight? Scrape the wax off of these areas with the top of the pencil.

Analysis/ discussion

What other effects does the Moon have on the ocean besides making reflections?

How does gravity make the tides work?

Look at the information on harnessing energy from waves and the movement of the tides in the 'Key points' section for this resource to find out how we can use the ocean – a source of renewable energy – to make electricity.