

# HOME LEARNING ROUTE



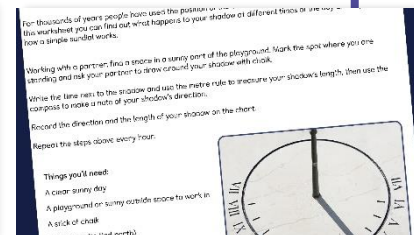
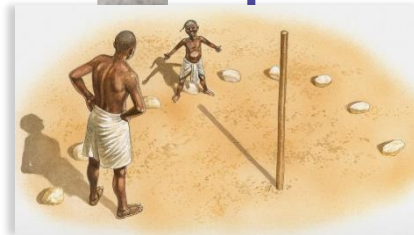
## Make a human sundial

Key Stage 2 • Science

Learn about day and night and how we measure time - then make a human sundial.

[Load the lesson »](#)    [See more »](#)

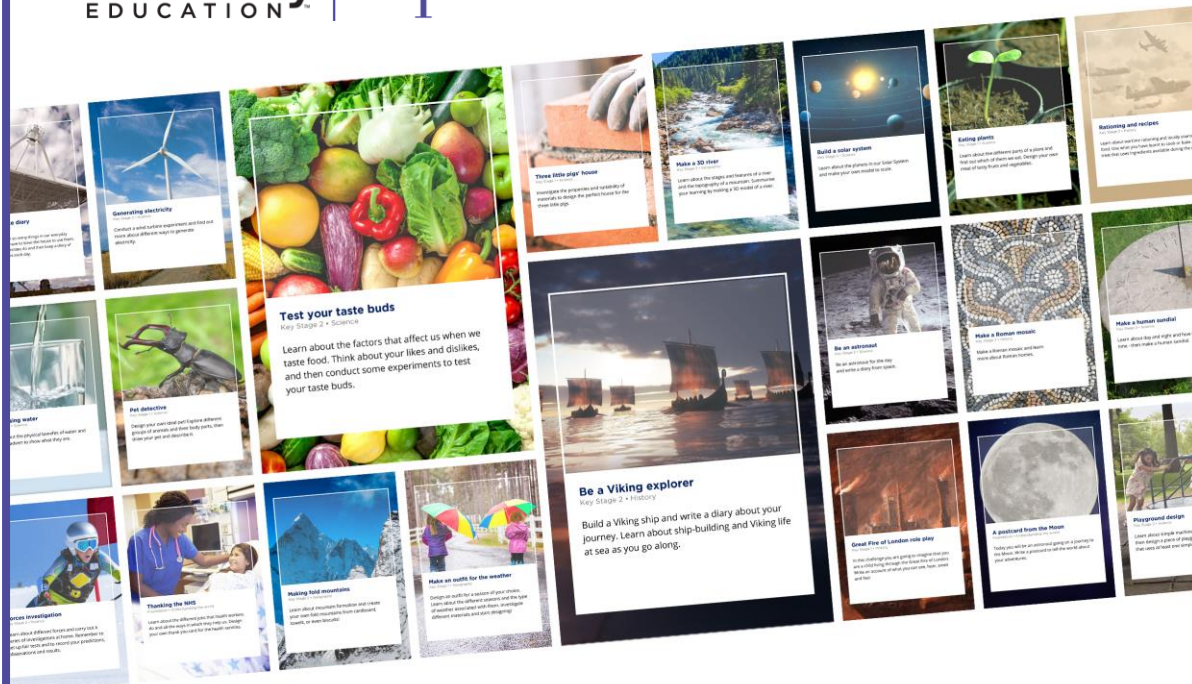
To view these resources, you will need a Discovery Education Espresso subscription.



**What are home learning routes?** Help children learn from home with these ready-made routes through Discovery Education Espresso content. The routes include video, text and glossaries for learning, as well as art, design and creative writing challenges for children to apply and demonstrate what they know.

### Preview of pupil steps:

1. You're going to make a sundial! But first of all, what is a sundial? And what is it used for? Click step 2 to find out more about how we measure time to see if it gives you a clue.
2. Watch this video on day, night and the seasons. Why do we have day and night? Why is it dark at night and light in the day? How does the Sun look different at different times of the day?
3. Watch this video on measuring time. What ways can you think of that measure time? How could the Sun help people tell the time even before clocks were invented? What does all this have to do with sundials?
4. Have a quick look at this glossary. Which words have you come across today? Do they mean what you thought? Were there any surprises?
5. Time to make that sundial - using your own body! Before you start, what do you think the results will show? Why do you think this is?



## Home learning routes

Help children learn from home with our ready-made routes through Discovery Education Espresso content. The routes include video, text and glossaries for learning, as well as art, design and creative writing challenges for children to apply and demonstrate what they know.

### How to load a lesson:

1. Go to [discoveryeducation.co.uk/homelearning](https://discoveryeducation.co.uk/homelearning)
2. Enter your school's Discovery Education Espresso home access details.
3. Find and click the lesson you wish to load.
4. Follow the instructions/questions within the yellow band (above the resource). *You can click the left or right arrows to move the text along.*
5. Once you've finished step one, move onto step two. *Continue through the steps until all are complete.*
6. Important: Now you have completed the lesson, click the "Exit" button (top-right) to return to the full Espresso service.

\* Discovery Education Espresso subscription required