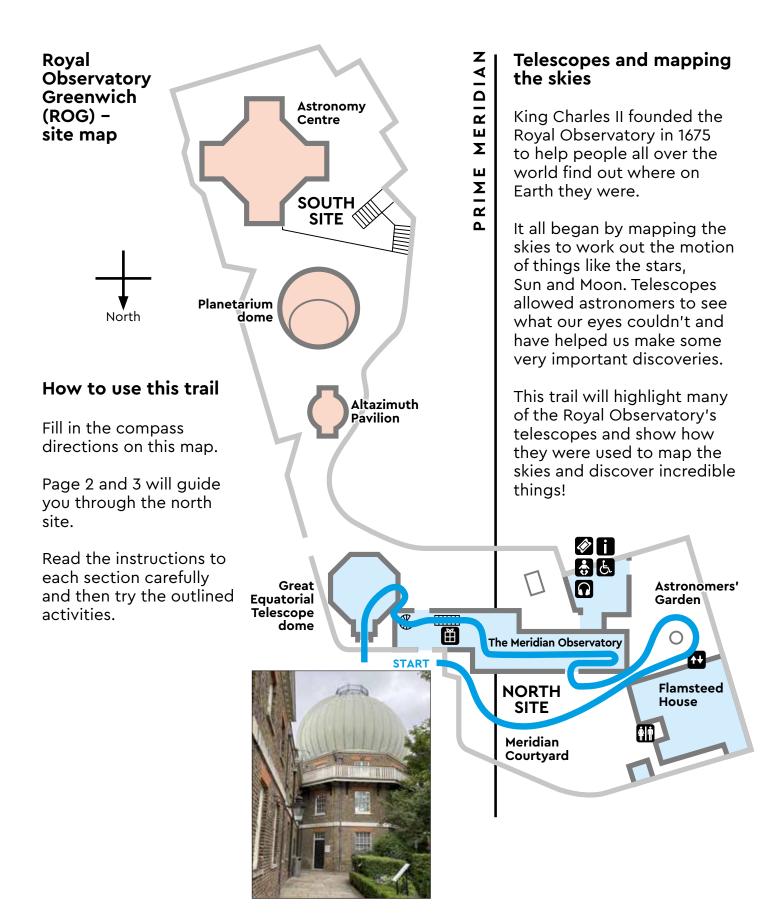
KS3 School Trail





KS3 School Trail - NORTH SITE



1

Before you enter the site, you'll see the Shepherd Gate Clock. Can you work out what's unusual about the dial?

Fun Fact

This public clock was important as not everyone had their own accurate watch. If you didn't have access to the time you could even sometimes pay someone to tell you the time! This was the job of Ms Belville until 1940. You can learn more about her in the Time and Greenwich gallery



3

Dolphin sundial

Look out for the Dolphin Sundial. Sundials are used to tell the time by using the shadow cast by the sun.



Find the time, by looking at where the gap in the shadow falls on the curved plate (where the shadows of the dolphins' tails almost meet).

Dolphin Sundial time

Watch / phone / clock time

The Sun is currently in the direction of:

(Use the compass/map on page 1 of this trail to help you).

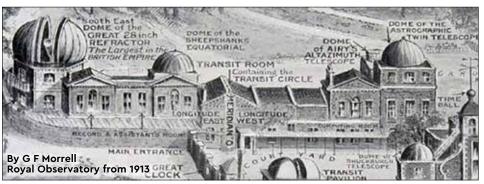
Circle on this diagram, all the domes you can see which still exist today.

Do the openings in the roofs run north to south or east to west?

Telescopes were later built inside domes. The opening could then be rotated making observations easier!

The Sun seems to move
across the sky throughout
s. the day and, at night, the
g stars appear to move too. But
they're not actually moving!
Can you explain why?





KS3 School Trail - NORTH SITE

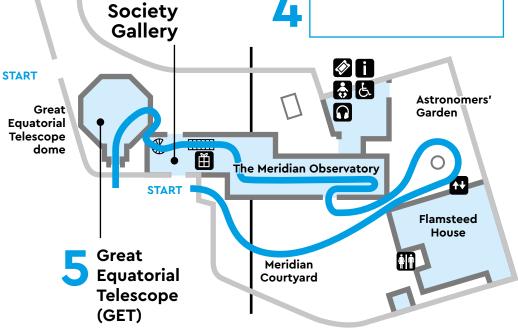


Walk through the Meridian Observatory Building until you reach the gift shop.
Go up the stairs to the **Time and Society Gallery** – look for a telescope dome.

This telescope dome is called:

It once housed the Sheepshanks Equatorial telescope – it's now in storage, but in its glory days:

It helped to observe...



It helped to measure...

From the Time and Society Gallery – walk up the spiral staircase to the **GET** dome!!

A surprising fact about the GET is...

Sketch the GET and add the following labels:

28-inch lens, equatorial mount, eyepiece, finderscope, main telescope tube.



