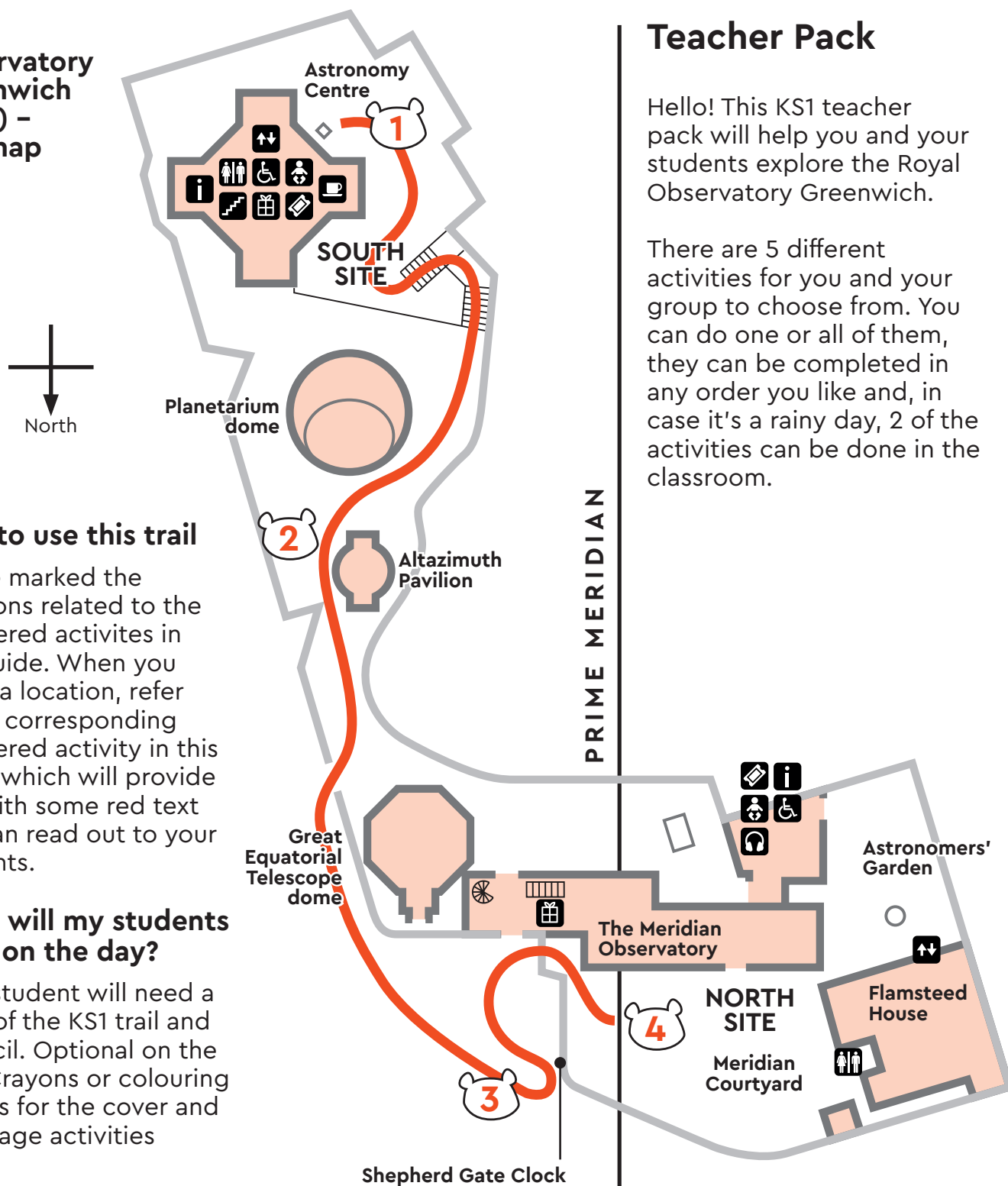


KS1 School Trail

Royal Observatory Greenwich (ROG) – site map



How to use this trail

We've marked the locations related to the numbered activities in this guide. When you reach a location, refer to the corresponding numbered activity in this guide which will provide you with some red text you can read out to your students.

What will my students need on the day?

Each student will need a copy of the KS1 trail and a pencil. Optional on the day: Crayons or colouring pencils for the cover and final page activities

Teacher Pack

Hello! This KS1 teacher pack will help you and your students explore the Royal Observatory Greenwich.

There are 5 different activities for you and your group to choose from. You can do one or all of them, they can be completed in any order you like and, in case it's a rainy day, 2 of the activities can be done in the classroom.



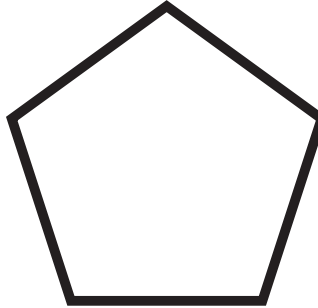
Yuri Gagarin Statue

Group leader

Ted has many space heroes and one of them is Yuri Gagarin. Yuri was the first human to go into space and this is a statue of Yuri. Can you help Ted find these shapes on the statue? How many sides does each shape have?



Can you help find these shapes on the statue of Yuri Gagarin?



This shape is a pentagon.

It has sides

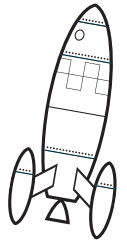


This shape is a rectangle.

It has sides

Optional

Before leaving the statue, ask your students how they think Yuri felt when he blasted off into space on a rocket.



If there is time get the students to draw the rocket's flames



Altazimuth Pavilion

At the top of the Altazimuth Pavilion you'll see a comet-shaped weather vane.

Group leader

Ted likes to visit comets because they have long beautiful tails. Look at that pretty comet at the top of the building. Oh no! The comet is missing its tail - let's draw a tail for the comet.



What is a comet made from? Put a circle around the correct words.

Group leader

What is a comet made from? Ted says that a comet is made from ice, dust, gas and rock. Make sure to circle those words.

BANANAS

ICE

GAS

CHEESE

WOOD

ROCK

DUST





Shepherd Gate Clock

Note

This activity can be done in the classroom

Group leader

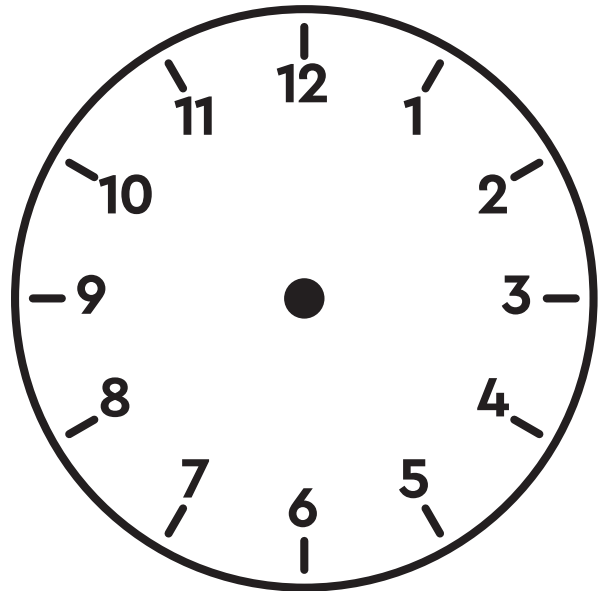
Ted is super duper excited because Ted is going into space tomorrow! The rocket is going to launch at 11:30 in the morning. Ted doesn't want to be late – draw the hour and minute hands on the clock so that the time shows 11:30.



Extra info

The Shepherd Gate Clock has 24 hours on its face rather than the usual 12.

Draw the hour and minute hands on the clock face so that the time shows 11:30.



Optional Ask your students what sound a rocket makes when it launches into space.



Prime Meridian

Group leader

Ted likes to hop around when exploring new places.

Can you hop over this special line called the Prime Meridian?

If you have a look along the line, you can see the names of cities around the world.

Extra info

The Prime Meridian divides the Earth into two parts – the Eastern Hemisphere and the Western Hemisphere.

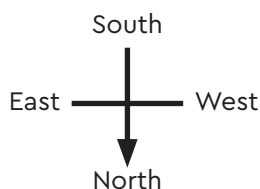


Write down a city that lies east of this line

Write down a city that lies west of this line

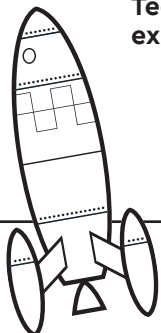
Write down a city that lies east of this line	Write down a city that lies west of this line
.....
.....
.....

PRIME
MERIDIAN





A New Planet



Ted has found a new planet to explore

Ted says that the planet has orange trees and blue grass. The sky is green in colour and there are purple clouds in the sky.

Try drawing this strange new planet.

Note

This activity can be done in the classroom



Get ready to explore space with Ted!

Have a look at our KS1 curriculum-linked classroom activities and digital resources.
<https://www.rmg.co.uk/schools-communities/key-stage-1-astronomy-resources>

