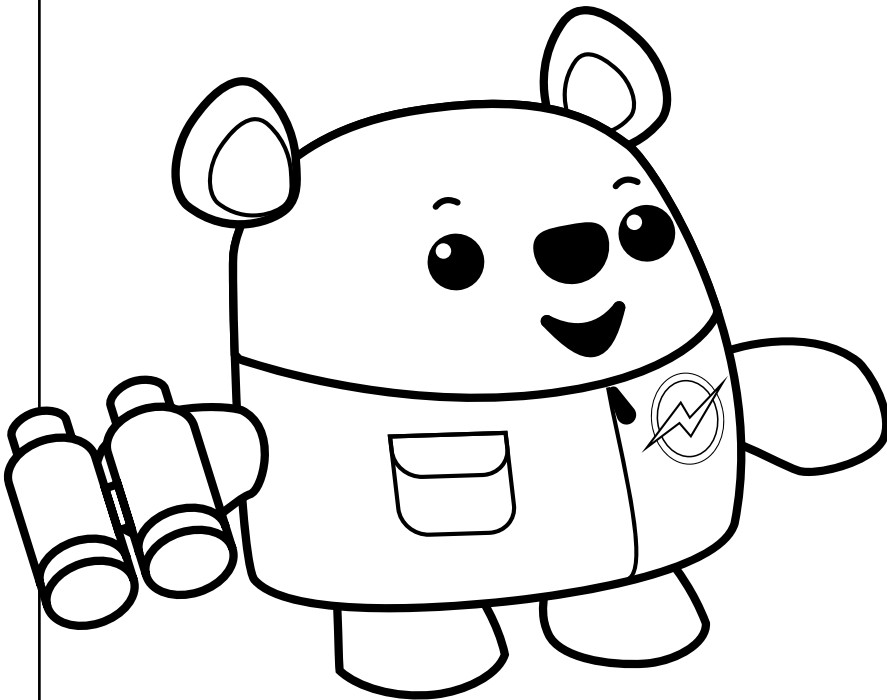


# Ted's Space and Time Explorer Trail

## KS1

Go on an adventure with Ted and explore the Royal Observatory.

**Draw yourself standing next to Ted and colour it in.**

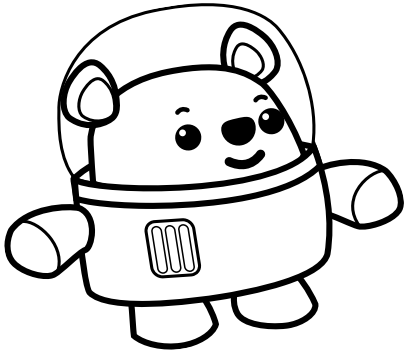


My name is .....

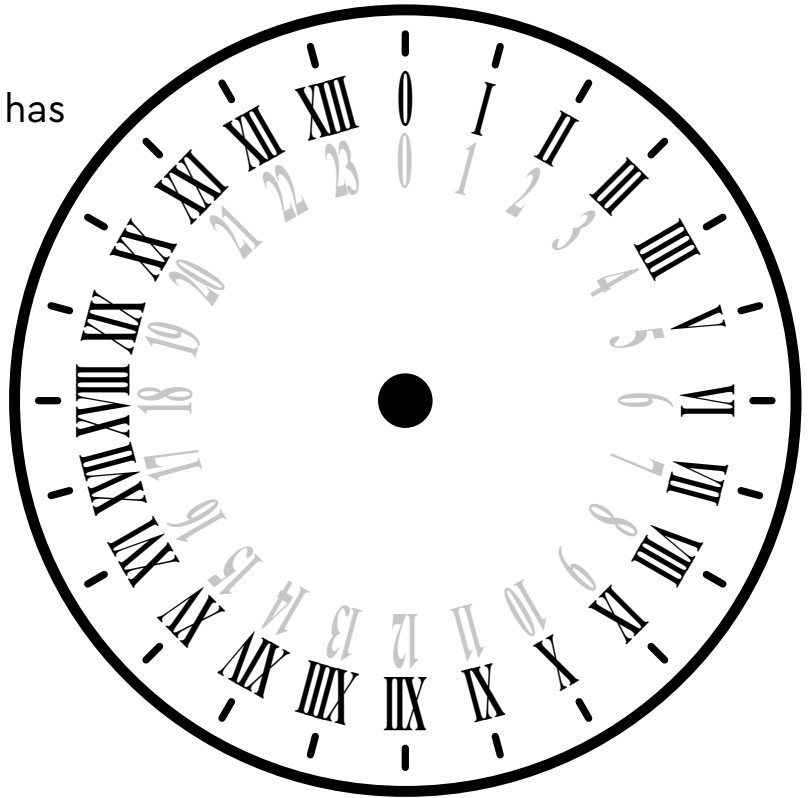


## The Shepherd Gate Clock

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



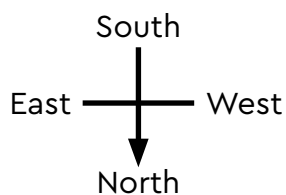
**Ted's rocket is blasting off into space tomorrow at 11:30. Put the hour and minute hands on the clock to show that time.**



## Prime Meridian

**Hop over this special line called the Prime Meridian – what cities can you see written along it?**

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



Ted likes to hop around when exploring new places.



**Write down a city that lies east of this line**

**Write down a city that lies west of this line**

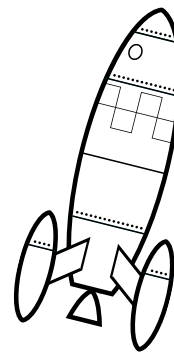
PRIME  
MERIDIAN



## The view from the hill

**Which thing on the horizon do you think looks like Ted's rocket?**  
Tell your friends which one you have chosen.

(Clue: almost hidden in the trees to the left)



## Flamsteed House



This is Flamsteed House, can you describe it?

.....

.....

**Astronomers used to live here at the Observatory. Imagine looking at the view everyday!**



What time does this red ball drop to the bottom of its 'stick'?

.....

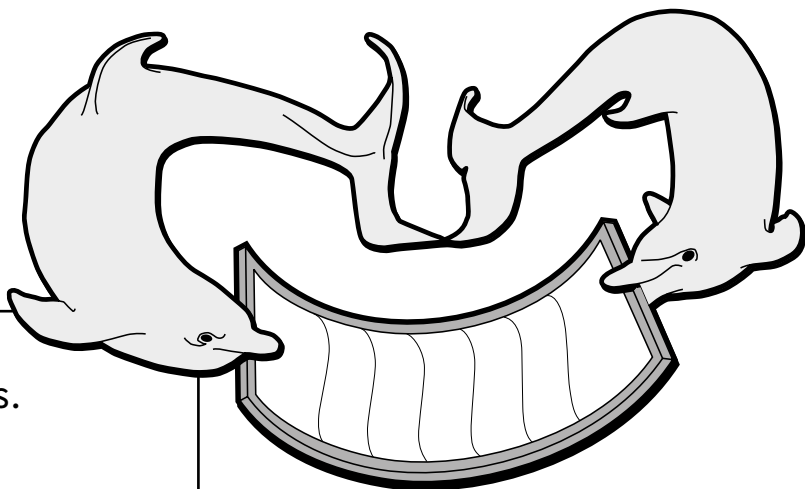


## Dolphin Sundial

**This is a special kind of clock. It uses the Sun to tell the time!**

When would Ted not be able to use this clock to tell the time?

Write the time here, try and work out the minutes.

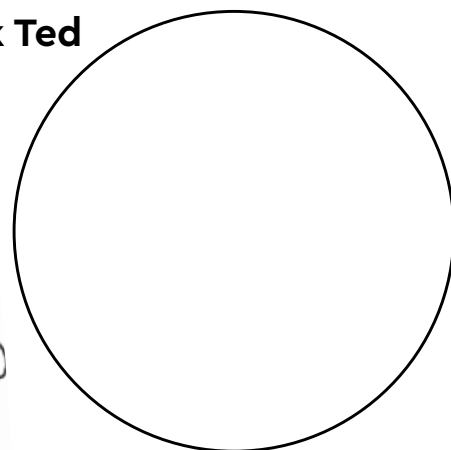


## Great Equatorial Telescope



Climb the stairs up to our Great Equatorial Telescope! This telescope is more than 100 years old and Ted's great great grand-Ted used to use it to look at things out in space, like stars and planets.

**What do you think Ted would see looking through this telescope? Draw a picture of the object.**



This telescope is 8 metres long. That's the same length as an adult Allosaurus.



## 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.**

