



RACING ROVERS TRAIL

Name: _____

School: _____

Date: _____

Start your trail in the **Into Space** Gallery:

Question 1

Just inside the gallery there are some questions on flaps, find out if Europe has a Space program by lifting the flaps.

Yes No

Question 2

In the same area find out if Britain is involved in the Space Industry.

Go to the **Exploring the Universe** Gallery

Question 3

Rovers explore different planets and send back pictures to the Earth, Space telescopes also take pictures of Space. Find the Hubble telescope.

Why do we use Space telescopes rather than take images from the ground?

It is cheaper Pictures are clearer It is easier

Question 4

What are scientists looking for when exploring other Planets?

Now go to the **Planets** Gallery





RACING ROVERS TRAIL

Rovers have visited many different Planets using the table fill in the details about the different rovers and the Planets they have visited.

Planet	Number of Probes or Rovers	First Rover or Probe to Planet:
Mercury		
Venus		
Mars		
Jupiter		
Saturn		
Uranus		
Neptune		
Pluto		



Go to the **Space Now** gallery

Question 5

Find the Space Shuttle tile; this helps to protect the Shuttle from high temperatures on re-entry to the Earth, but what temperature can they reach?

Ion Engines

There is no air in Space, so Space engines sometimes use ions to move. Find the ion engine and read to find out more.

Question 6

What causes the ion engine rocket to move?



Question 7

Find the **Mars Yard** at the back of the gallery. Watch the TV screen about the EXO Mars mission. When is the mission due to launch? _____