

Visit Trail



Key Stage 2 & 3

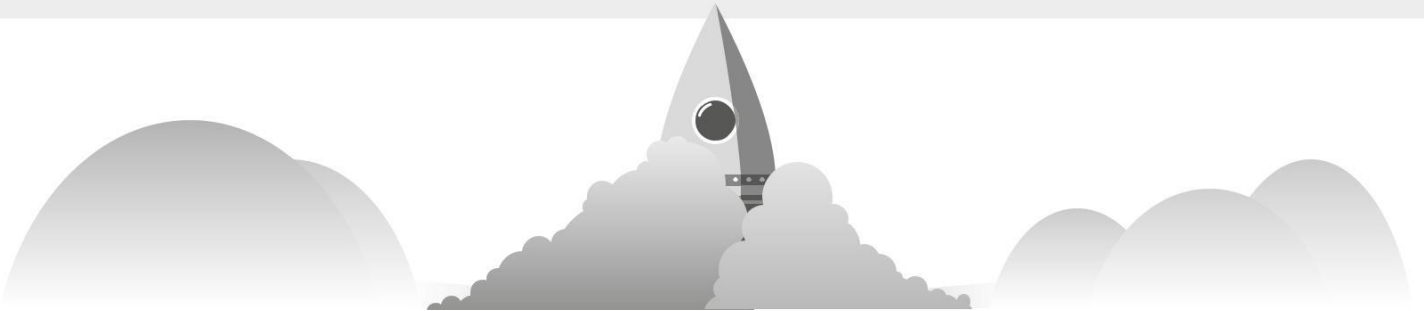
Astro Tours Trail

Name:

Date:

Unknown to most Earthlings, the top secret 'Astrotours' travel company deals with alien trips to our Solar System on a regular basis, helping our various extraterrestrial friends to choose which planets would be most suitable for a visit.

Unfortunately most of the sales staff have recently lost their memories in a freak mind-wiping incident.



Your Mission

You must embark on a virtual trip through the Solar System at the National Space Centre to recoup the knowledge lost.

Your research will be vital in preparing a presentation for the travel company. The sales staff need to find out about the main features in the Solar System for visitors to look out for but would also like you to make a special pitch about a planet of your choice. What are its characteristics and what type of alien might enjoy a visit there?



Look in the **Our Solar System** gallery

Question 1

What is the name of the object at the centre of the Solar System and what is it?

The Sun is a Star

Question 2

Which planet is closest to the Sun and how fast is it travelling?

Mercury is travelling at an average speed of 174649 kilometres an hour

Question 3

Where was the piece of Martian meteorite found?

Nakhla

Question 4

What do you pass through as you travel between Mars and Jupiter?

Asteroid belt

Question 5

At the back of the gallery, choose a meteorite to see if you can 'Destroy a Planet'.

What size of object might destroy a city like Leicester if it were to hit?



Question 6

Where in the Solar System would you most likely find comets?

Kuiper Belt

Question 7

Choose a Planet and write down 3 things visitors may be interested in:

Planet:

1.

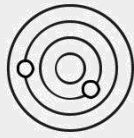
2.

3.

Question 8

Make a sketch of your chosen planet here:





Question 9

This planet has moons.

It is the planet from the sun.

It has gas.

It is a hot/cold planet

Question 10

Why would this be a great planet to visit?

Question 11

What kind of special features might an alien have if it was to visit this planet safely?



Question 12

What would I need to take with me to this planet?

I would need to take

and

this is because

Question 13

I would like to visit this planet because...

Congratulations!

You have completed the research needed to make your presentation to the Astro Travel Agency.

Mission Accomplished!