

Teacher: Mr Jones

Lesson: The Solar System

Room: 4ICT

Objectives: To discuss the relationship of the planets within our solar system. Project work should include each planets distance from the Sun,

### Message

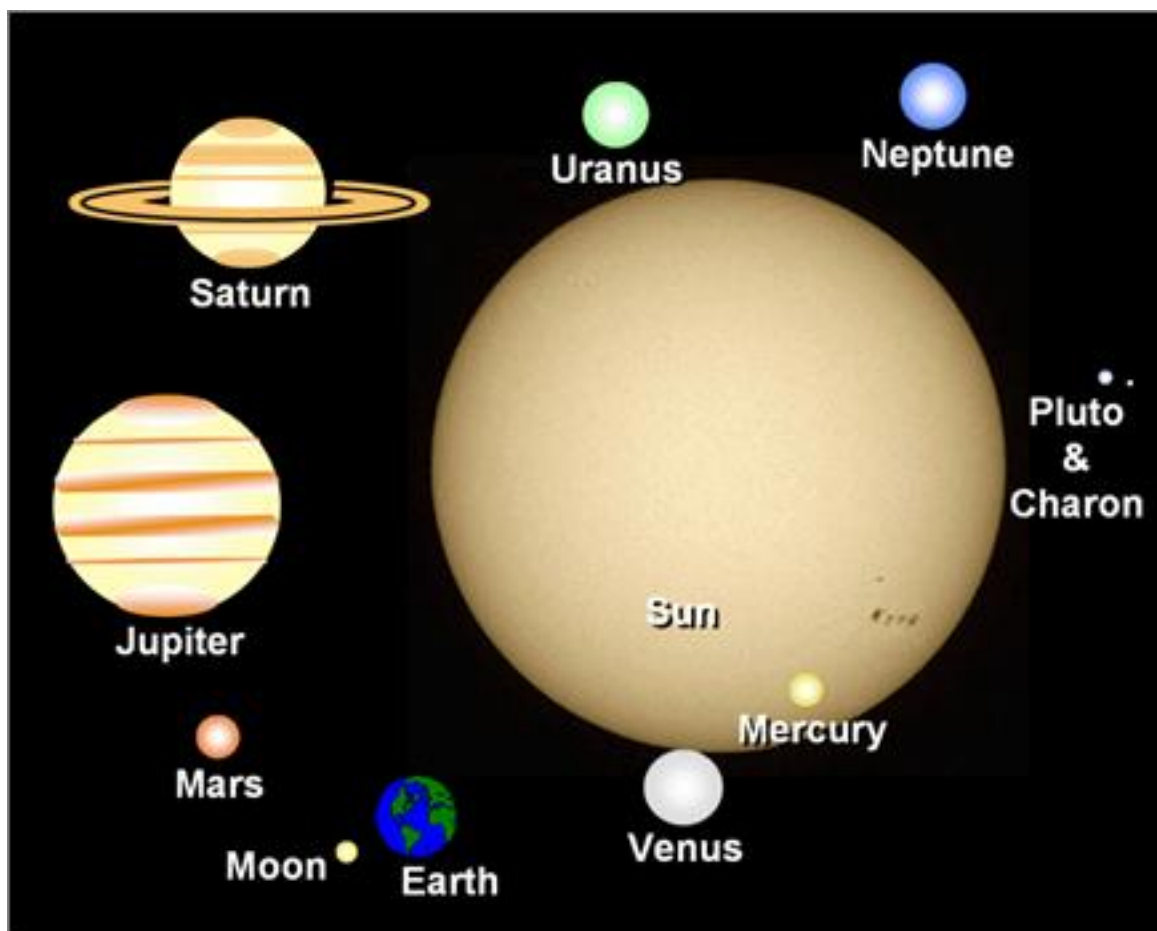
17:13

Coursework needs to be completed by July 12th, and must be handed in to Mr. Jones by 12am.

### Tutor Notes

17:24

The Solar System (or Solar system, solar system) consists of the Sun and those celestial objects bound to it by gravity. These objects are the eight planets and their 166 known moons; three dwarf planets and their four known moons; and billions of small bodies, including asteroids, Kuiper belt objects, comets, meteoroids, and interplanetary dust.



### Tutor Notes

17:25

In broad terms, the charted regions of the Solar System consist of the Sun, four terrestrial inner planets, an asteroid belt composed of small rocky bodies, four gas giant outer planets, and a second belt, the Kuiper belt, composed of icy objects. Beyond the Kuiper belt is the scattered disc, the heliopause, and ultimately the hypothetical Oort cloud.

### Approved Websites

17:29

URL	Description
<a href="http://www.discovery.com/nasa">www.discovery.com/nasa</a>	Lots of diagrams and pictures of the planets.
<a href="http://www.kidsastronomy.com/solar_system.htm">www.kidsastronomy.com/solar_system.htm</a>	Shows distance of each planet from the Sun.
<a href="http://www.nineplanets.org">www.nineplanets.org</a>	Useful references to astronomy mythology.
<a href="http://www.solarviews.com">www.solarviews.com</a>	Contains useful information on the solar system.

**Target Words** 17:35

Asteroid	Celestial	Comet	Earth	Gravity	Heliopause
Jupiter	Kuiper	Mars	Mercury	Meteoroids	Neptune
Oort	Saturn	Terrestrial	Uranus	Venus	

**Chat** 17:38

Phoebe Jones says:  
Do I need to include a chart?

Mr Smith says:  
Yes, you need to plot the temperatures of each planet in relation to their distance from the Sun.

Phoebe Jones says:  
In Fahrenheit?

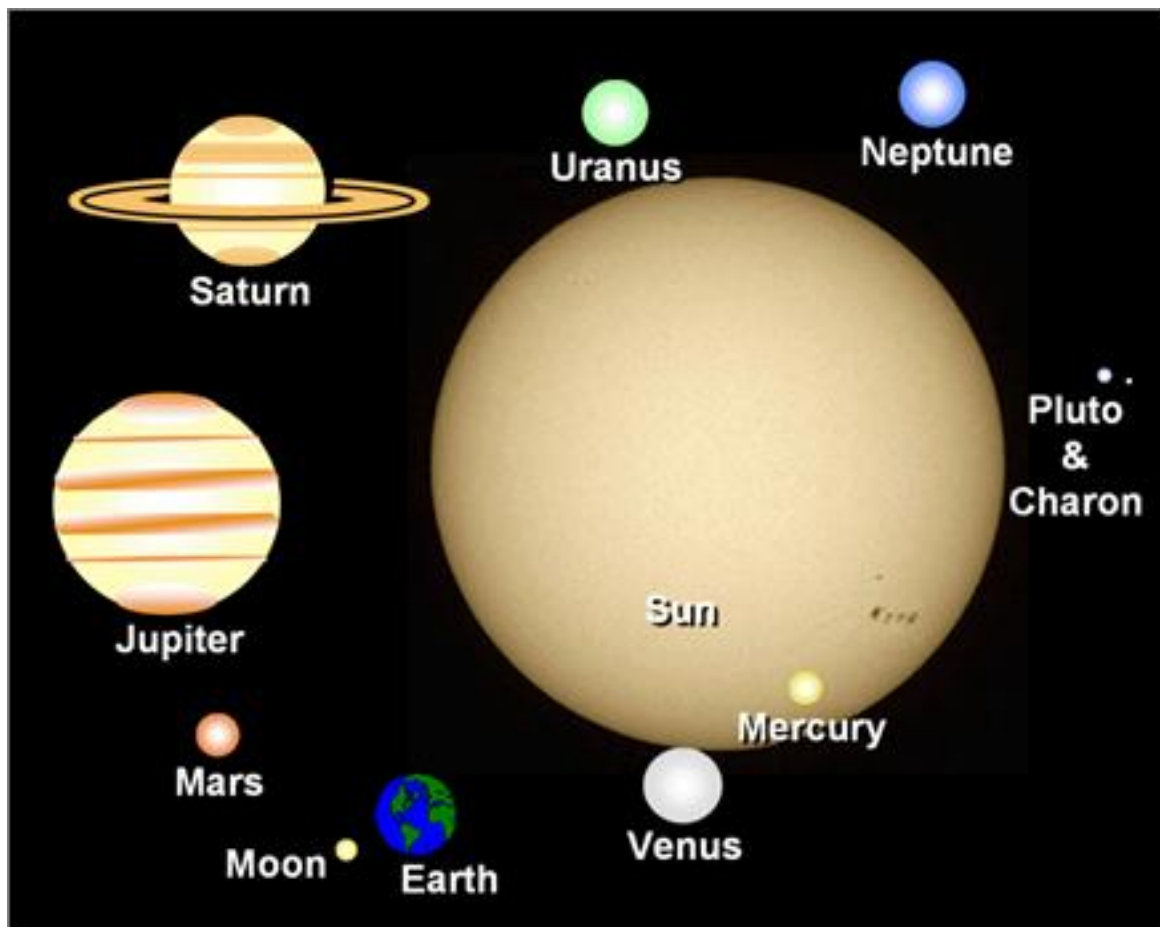
Mr Smith says:  
No Celsius.

**Tutor Notes** 17:43

Project work should include each planets distance from the Sun, the impact this has on the relative climates of each planet.

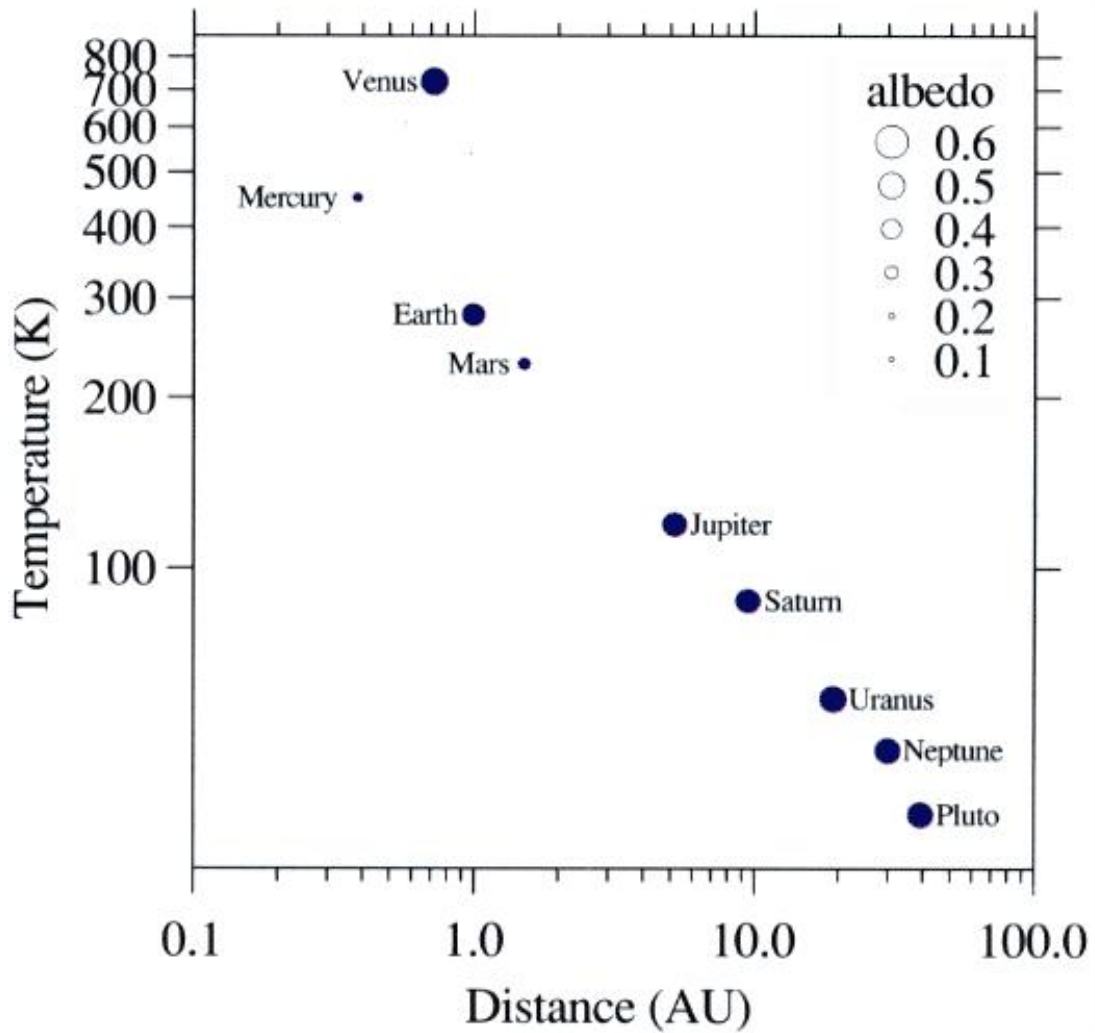
**My Notes** 17:47

Include a diagram of the solar system.



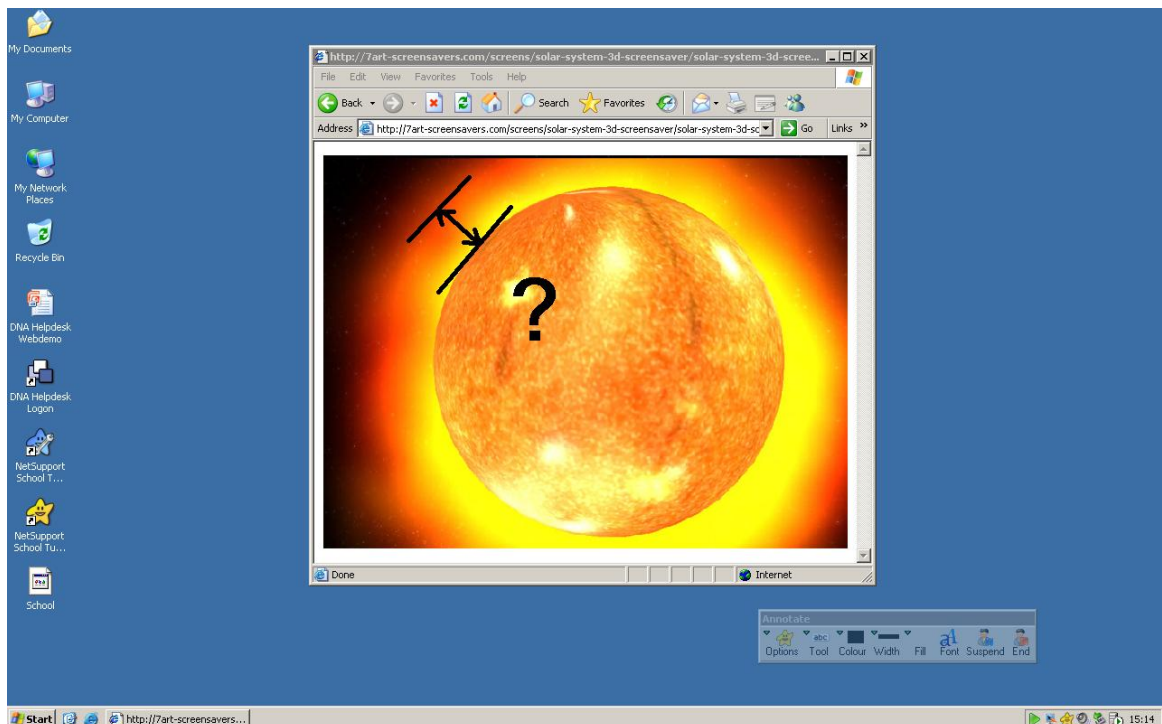
Use this picture that we were given to show differences in planet sizes. Must remember to include notes in my homework on Comets and also on Kuiper belts, Mr Jones said these were important to include.

Chart showing planet temperatures in relation to their distance from the Sun.



Scenshot from Tutor

What is the distance?



Example Test - An example to show the capabilities of the NetSupport Testing modules.

Question	Points Available	Scored
Identify the countries by dragging the correct name to the map label.	3	3
Using the picture provided, answer these questions on Italy.	4	4
Identify the flags for each of these African nations.	4	2
Put these oceans in order of size (Largest to Smallest).	3	3
Listen to the music and identify which country this is the national anthem for.	1	1
Choose the correct year that these countries hosted the Summer Olympic Games.	3	3
Which of the Seven Wonders of the World is still standing?	1	1
Complete the following sentences.	3	3
Choose the correct dates for these famous events.	4	3
After viewing the picture provided identify which of the following statements are correct.	4	4
Name the aeroplane shown in the video clip.	1	1
Are the following statements true or false?	2	2
Identify the correct capital cities for the countries listed below.	4	4
Correctly assign the national flags to each country.	4	4
How many countries are in each of these continents?	4	2
Identify the selected planets in our Solar System.	4	4
Using the picture to help you, order the planets below by their distance from the Sun (Nearest to Furthest).	4	4
Is the following true or false?	1	1
	54	49

Wordsearch

D	H	O	B	S	H	N	E	P	T	U	N	E	Y
U	E	J	I	H	U	N	Y	S	T	H	A	O	R
D	N	A	U	U	E	E	E	M	A	E	N	W	A
W	N	A	I	P	L	U	T	O	N	A	O	D	H
A	G	H	P	L	I	Z	O	O	E	R	U	S	U
R	D	E	I	H	C	T	M	N	W	T	N	S	H
F	H	Y	H	O	P	B	E	O	Q	H	I	U	E
R	A	C	O	E	A	A	R	R	T	E	O	A	E
U	S	A	T	U	R	N	C	P	L	A	N	E	T
R	T	A	E	H	F	T	U	E	U	L	E	E	E
I	E	U	C	U	F	A	R	O	V	C	E	I	O
A	R	F	A	I	R	A	Y	A	O	E	I	R	H
T	O	A	I	N	I	A	B	E	A	R	N	A	E
O	I	A	T	E	O	E	N	A	A	E	H	U	A
E	D	I	D	D	O	E	D	U	T	S	E	T	S
E	S	Z	E	E	H	O	P	H	S	L	U	M	S

- VENUS
- EARTH
- MARS
- CERES
- ASTEROIDS
- JUPITER
- SATURN
- NEPTUNE
- URANUS
- PLUTO
- DWARF
- PLANET
- MOON