

7

Holiday homework

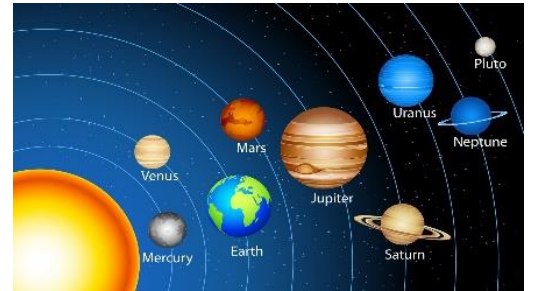
Student Name: _____

Teacher: _____

Topic: Structure of the Solar System

Due date: Week 1 Term 4 2017

You are required to investigate on the topic of the **'Structure of the Solar System'** and present your findings in a form of a power point. You are required to submit your work in electronic form to your teacher. Your power point should not be longer than 6 – 7 slides. Refer to **unit 8.2** of the textbook or any other relevant resources that may assist you in completing this task. Use original language and avoid copying and pasting directly off the net. Use the questions written below as your headings and/or subheadings.



Learning outcomes

- Predictable phenomena on Earth, including seasons and eclipses, are caused by the relative positions of the sun, Earth and the moon (ACSSU115)
- Construct and use a range of representations, including graphs, keys and models to represent and analyse patterns or relationships in data using digital technologies as appropriate (ACSIS129)

1. Introduce the two main models of the solar system – geocentric and heliocentric.
2. Identify the scientists who proposed the Geocentric model. With the help of a diagram, explain the theory and describe features of the model.
3. Discuss the limitations of geocentric model, in relation to retrograde motion of Mars.
4. Heliocentric model – Identify the scientists who proposed this model and date. With the help of a diagram, explain the theory and describe features of the model.

Marking key		Total: ____/20	%
Item	Max marks	Marks obtained	
Q1 – Introduction	2		
Q2 – geocentric model and diagram	4		
Q3 – limitations	4		
Q4 – heliocentric model and diagram	4		
Overall presentation – animation, transition	3		
Use of original language – no copy and paste & references – at least two	3		

Teacher comments: