

Webquest: The Sun

Directions: Answer the questions in the tables below in your own words and complete sentences.

<http://nineplanets.org/sol.html>

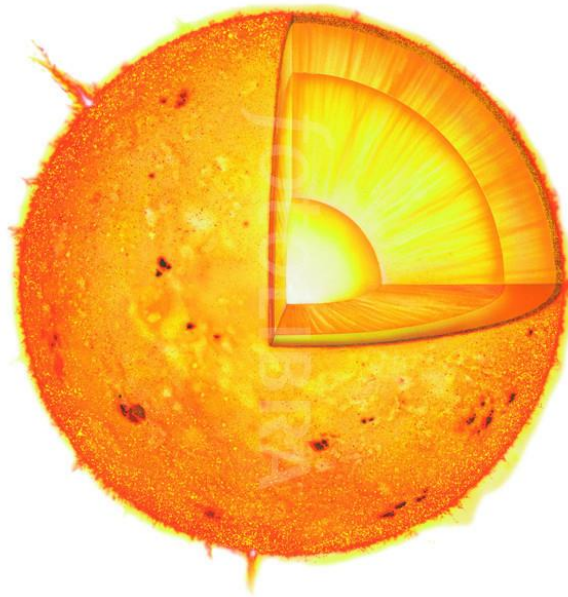
Question	Answer (1 pt each)
Why is the Sun considered an "ordinary star?"	
How much of the mass of the solar system is contained in the Sun?	
What did the ancient Greeks call the Sun? What about the Romans?	
How much Hydrogen is converted into Helium in the Sun each second?	
What is the surface of the Sun called?	
What is solar wind?	
How much of its fuel has the Sun used up?	

<https://soho.nascom.nasa.gov/explore/sun101.html>

Question	Answer (1 pt each)
Is Earth always the same distance from the Sun? Explain.	
How many Earth's would you need to line up side by side to equal the diameter of the Sun?	
Which element is most abundant in the Sun?	
List the 6 layers of the Sun, from the core to the surface.	
What is the temperature of the Sun's core?	
Which layer of the Sun is the visible layer?	

<https://www.windows2universe.org/?page=/sun/sun.html>

Directions: Navigate to the page for the "Interior" of the Sun to label the 3 interior layers of the Sun on the diagram below. For each layer, label it and write one fact about it. Color the diagram. (8 pts)



Directions: Navigate to the "Fate" of the Sun. Watch the animation and read the description. In the space below, create a flow chart using words and colored pictures to show what will happen to our Sun in about 5 billion years. (6 pts)

<https://apod.nasa.gov/apod/ap030223.html>

What is this picture showing? _____
_____ (2 pts)

What does its shape indicate? _____
_____ (2 pts)