

Names \_\_\_\_\_

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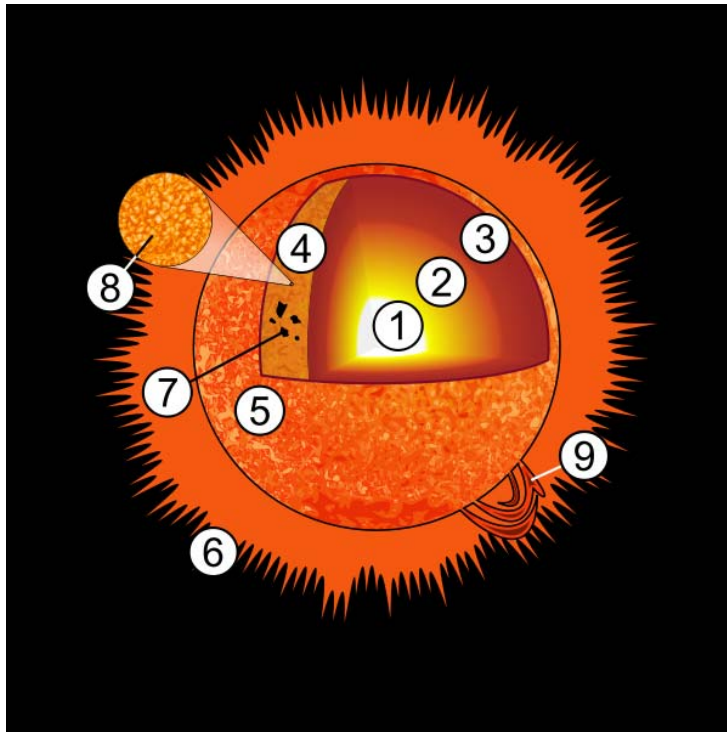
## Solar Facts Research Sheet

### Task, the First – Solar Facts

Sun's Symbol (draw)	
Greek Name for Sun	
Roman Name for Sun	
Sun's Diameter	
How Many Earth's Fit in Sun	
How Much of Solar System's Mass Found in the Sun	
Of What the Sun is Made	
Age of the Sun	

### Task, the Second – Solar Structure

The diagram below shows the structure of the Sun. Explain what each structure does so the Sun continues to work.



(Source: Wikipedia.org)

1. Core (include temperature) - \_\_\_\_\_

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2. Radiation Zone - \_\_\_\_\_

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3. Convective zone - \_\_\_\_\_

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4. Photosphere (include temperature) - \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

5. Chromosphere - \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

6. Corona (include temperature) - \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

7. Sunspot (include temperature) - \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

8. Granules - Granules are regions of the sun where hot solar material comes to the solar surface. Granules are about 600 miles (1,000 km) across and only exist for about 5 to 10 minutes before they fade away. It is almost as though the surface of the Sun is bubbling like a pot of boiling water.

9. Prominence - \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## Task, the Third - Learning About the Sun

For this task, select one solar telescope and one solar probe (probe must be operating). Complete that section.

## Telescope:

How long operating - \_\_\_\_\_

Where located - \_\_\_\_\_

General information about the telescope - \_\_\_\_\_

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## Solar Probe:

When launched - \_\_\_\_\_

General information about the space probe - \_\_\_\_\_

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