

**The Structure of a Class G Star**  
**8<sup>th</sup> Science / Janousek**

Name \_\_\_\_\_  
 Period **1 2 3 4 5 6 7**

For this worksheet you will draw a diagram of the structure of our **sun**. The diagram will be titled, with the class, color, and absolute magnitude of the sun. In your diagram you will draw, label, and define with captions, the core, the radiative zone, the convective zone, the photosphere, the chromosphere, and the corona.

Below is a checklist of items you will need to include in your diagram. **Draw the diagram in pencil before you color it. Do not use markers. Use the back of this paper and the format that works best for you (portrait or landscape).** Plan ahead, be neat (if I can't read it, I can't grade it), and do not rush. Additional copies of this worksheet can be accessed on the class website. If you are unsure about something, ask Mr. Janousek! (26 points)

Need It	Got It		
<u>title of diagram</u> including the <u>class</u> , <u>color</u> , and <u>absolute magnitude</u> of the star	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
core with label and caption	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
radiative zone with label and caption	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
convective zone with label and caption	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
photosphere with label and caption	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
chromosphere with label and caption	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
corona with label and caption	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
diagram is neatly drawn and neatly colored	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Name \_\_\_\_\_

Period 1 2 3 4 5 6 7