

|                        |    |                                |
|------------------------|----|--------------------------------|
| The Sun's Atmosphere   | 1. | T<br>h<br>e<br><br>S<br>u<br>n |
| Sunspots               | 2. |                                |
| Prominences and flares | 3. |                                |
| CMEs                   | 4. |                                |

Orange 729-732

Green 830-836

1. Define photosphere, chromospheres and corona. Illustrate a detailed colored picture.

2. Define sunspot.  
Give 2 additional details about sunspots.  
Illustrate a detailed colored picture

3. Define a prominence.  
Define a solar flare.  
Give 1 additional detail.  
Illustrate a detailed colored picture.

4. What does CME stand for?  
When do CMEs occur?  
How do CMEs affect life on Earth.  
Illustrate a detailed colored picture.

Complete sentences with a restate or -1/2 credit