Its Getting hot!

The Sun's Atmosphere

* The Sun's atmosphere has 3 layers: The photosphere, the chromosphere and the corona.
* The photosphere: photosphere: The inner layer of the Sun's atmosphere.

* The Chromosphere

Chromosphere: The middle layer of the Sun's atmosphere.

* The Corona: It looks like a halo around the Sun.
  - The corona sends out a stream of solar wind: electrically charged particles called solar wind.

Features on the Sun

- Features on or above the Sun's surface include sunspots, prominence, and solar flares.
- sunspots: are areas of gas on the Sun that are cooler than the gasses around them.
- Prominences: reddish heaps of gas.
- Solar flares: The energy heats gas on the Sun to millions of degrees celsius, causing the hydrogen gas to explode out into space.

The Sun's Interior

- The Sun's energy comes from nuclear fusion.
- nuclear fusion: hydrogen atoms join together to form helium.
- Core: Center of the Sun.
- The temperature inside the Sun's core, or center, reaches about 15 million degrees celsius, high enough for nuclear fusion to occur.

Critical Thinking

Question and Answer

Question:

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