

The Physical Sun

Note-taking Guide - Answer Key

*energy, photosphere, water cycle, corona, sunspots, light, hot,
photosynthesis, cooler*

While the real Sun looks quite different from Jamie's drawing, the crown that Jamie drew exists on the real Sun as well. It is called the "corona", which is Latin for "crown".

Inside this corona is the gas ball of the Sun. The outer surface of gases that we can see is called the photosphere. These bright areas on the Sun are especially hot areas.

The dark spots are called sunspots. Sunspots are areas on the photosphere where the temperature is cooler than the areas surrounding them.

The Sun is Earth's main source of energy. It provides the light energy that plants need for photosynthesis.

It also powers the water cycle, and keeps the planet from freezing over.