

Name _____

Solar Vocabulary Match

The Sun is powerful, mysterious, and full of science terms that describe its energy, features, and behaviors. In this activity, you'll connect important solar vocabulary words with their correct definitions. But watch out: the definitions are scrambled, so you'll need to think carefully!

Match each solar word (Column A) to the correct definition (Column B). Write the letter of the definition next to the term.

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| 1. Fusion | A. A glowing loop of gas that arches above the Sun's surface, often lasting for days or weeks. |
| 2. Sunspot | B. A sudden burst of energy and light from the Sun, releasing radiation into space. |
| 3. Solar Flare | C. A flow of charged particles streaming from the Sun into the solar system. |
| 4. Prominence | D. The outermost, extremely hot layer of the Sun's atmosphere, visible during an eclipse. |
| 5. Solar Wind | E. The process in the Sun's core where hydrogen atoms combine to form helium, releasing enormous energy. |
| 6. Corona | F. A dark, cooler region on the Sun's surface caused by magnetic activity. |
| 7. Photosphere | G. The thin, reddish layer above the Sun's visible surface, often seen during an eclipse. |
| 8. Chromosphere | H. The bright, glowing layer of the Sun that we see as its "surface." |

