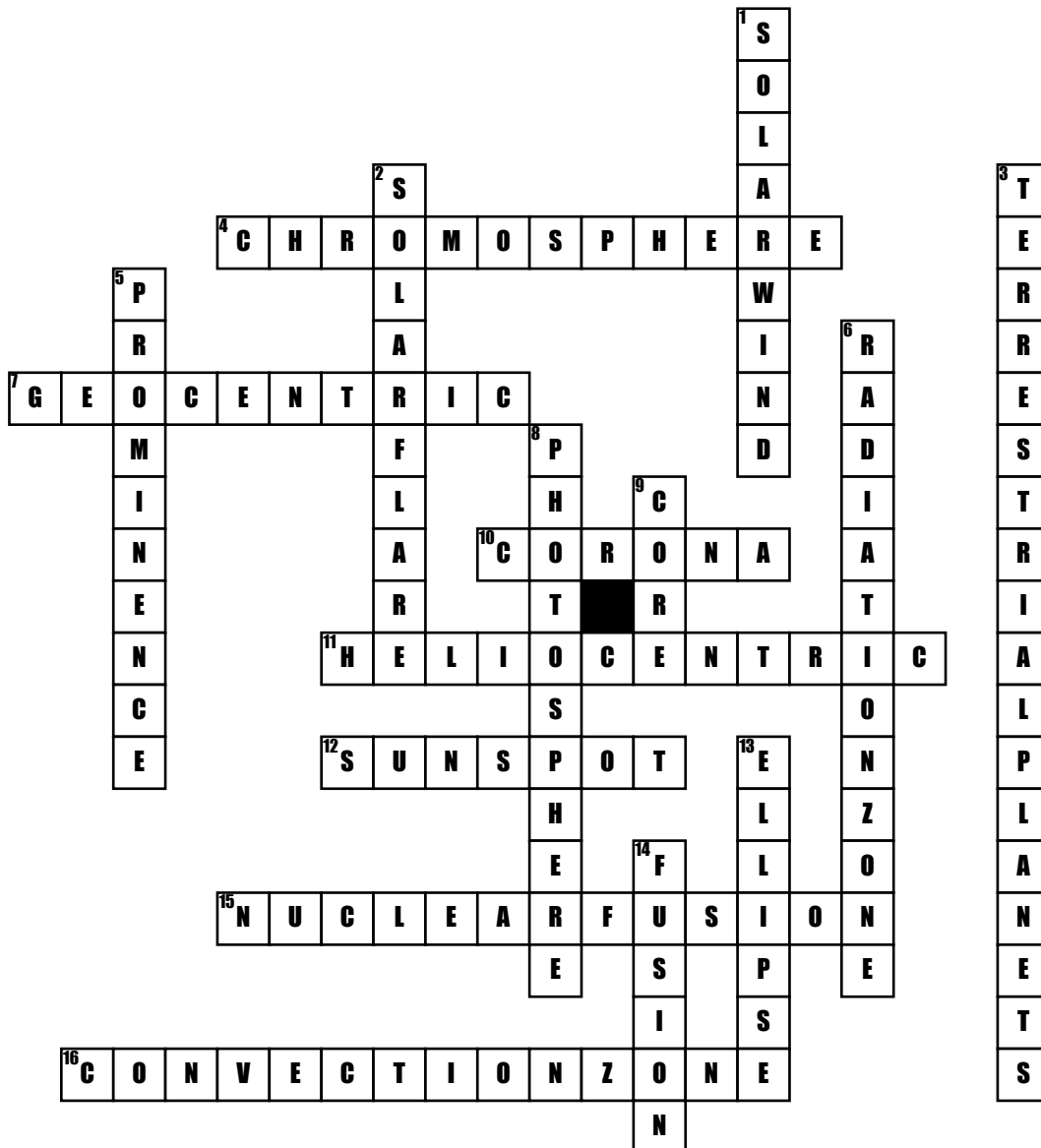


# KEY TERMS SCIENCE CROSSWORD PUZZLE (connect four)



**Across**

**4.** The middle layer of the sun's atmosphere

**7.** A model of the universe Earth is the center

**10.** The outer layer of the sun's atmosphere

**11.** A model of the solar system in which Earth and other planets revolve around the sun

**12.** A dark area of gas on the sun's surface that is cooler than surrounding gases

**15.** The process by which heat is trapped in the atmosphere by water vapor, carbon dioxide and other gases that form a blanket around earth

**16.** The outermost layers of the sun's interior

**Down**

**1.** A stream of electrically charged particles that emanates from the sun's corona

**2.** An eruption of gas from the sun's surface

**3.** The four inner planets

**5.** A huge reddish loop of gas that protrudes from the sun's surface linking parts of sunspot regions

**6.** Very tightly packed gas in the sun's interior where energy is transferred mainly in the form of light

**8.** The inner layer of the sun's atmosphere that gives off its visible light

**9.** The central region of the sun where nuclear fusion takes place

**13.** An oval shape, which may be elongated or nearly circular.

**14.** The combining of atomic nuclei to produce a single larger nucleus and much energy