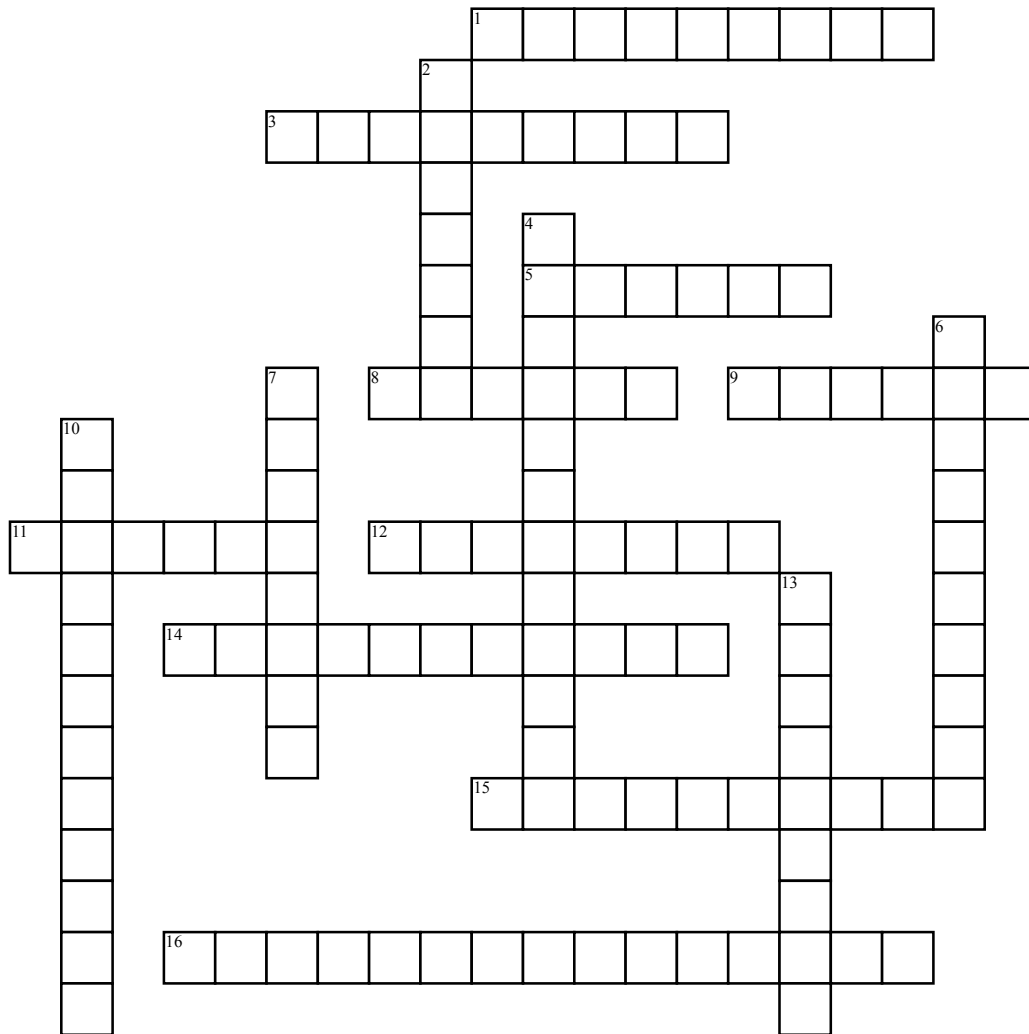


Name: _____

Date: _____

THE SUN



Across

1. Was originally sold as a toy
3. A constant jet stream of charged particles from the solar corona, with a temperature of a million degrees, and speeds of around 450 km/s.
5. _____ plasma is lighter, so it floats up, cools down in the surface, and then sinks back again.
8. The bright halo you see around the Sun during eclipses
9. Using a prism, he separated light from the Sun into different colours, which he then recombined using a second prism.

11. Energy release that is detected in every wavelength, from radio waves to gamma rays.
12. Discovered infrared radiation
14. Visible layer of the Sun with a temperature of about 5500 degrees
15. It travels beyond Pluto's orbit, where it meets the wind from other stars and is the frontier of our Solar System
16. The study of the solar interior using observations of waves on the Sun's surface.

Down

2. He used a telescope to observe dark sunspots on the solar surface.
4. First layer of the Sun

6. Our star's "everyday" life
7. The oldest known types of solar activity
10. The theory/system that the Earth moves around the Sun, and not the other way around, was devised by ancient Greek, Indian, Babylonian, and medieval Arabic astronomers.
13. In the layer above the core, energy is transported by _____.

Word Bank

Sunspots	Corona	Solar Cycle	Heliopause
Helioseismology	Flares	Heliocentric	Radiation
Galileo	Solar Wind	Newton	Photosphere
Herschel	Hotter	Chromosphere	Telescope