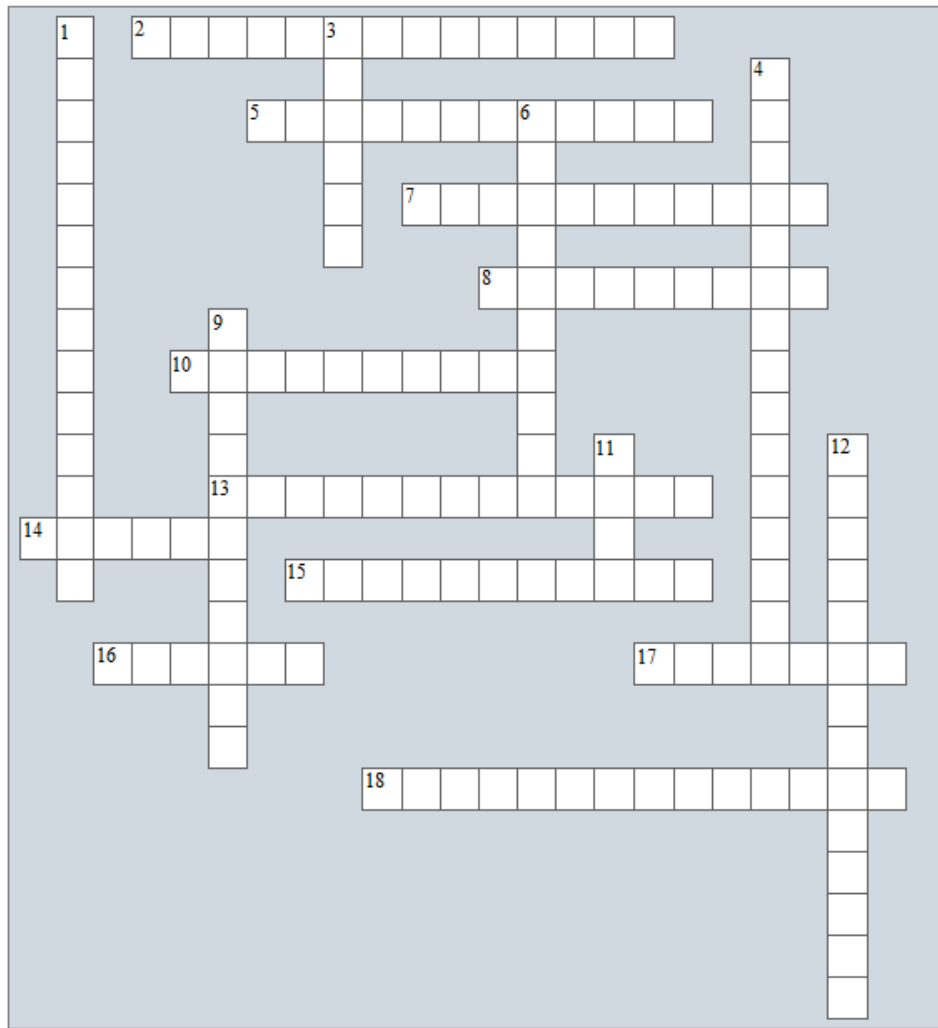


The Sun Our Very Own Star



Across

- zone where hot gases rise and cool gases sink (2words)
- the 2nd layer of the sun, the lower atmosphere
- arching column of gas from one sunspot to another
- distance light travels in a year (2 words)
- violent explosion from a sunspot (2 words)
- dense zone of gamma rays, energy here for a million years (2 words)
- process of forcing 4 hydrogen atoms to fuse together into 1 helium
- the visible surface of the sun
- a large cloud of gas and dust in space
- dark region on sun where a solar flare will erupt
- "northern lights" caused by solar flares making our atmosphere gases glow (2words)

Down

- time during the 11 yr cycle when there are many sunspots (2 words)
- "crown" outer layer of sun, upper atmosphere
- "southern lights" (2 words)
- megaton explosion releasing gases and energy into space
- the cloud of gas and dust that formed our solar system (2 words)
- place where fusion occurs
- time during the 11 yr cycle when there are few sunspots (2 words)