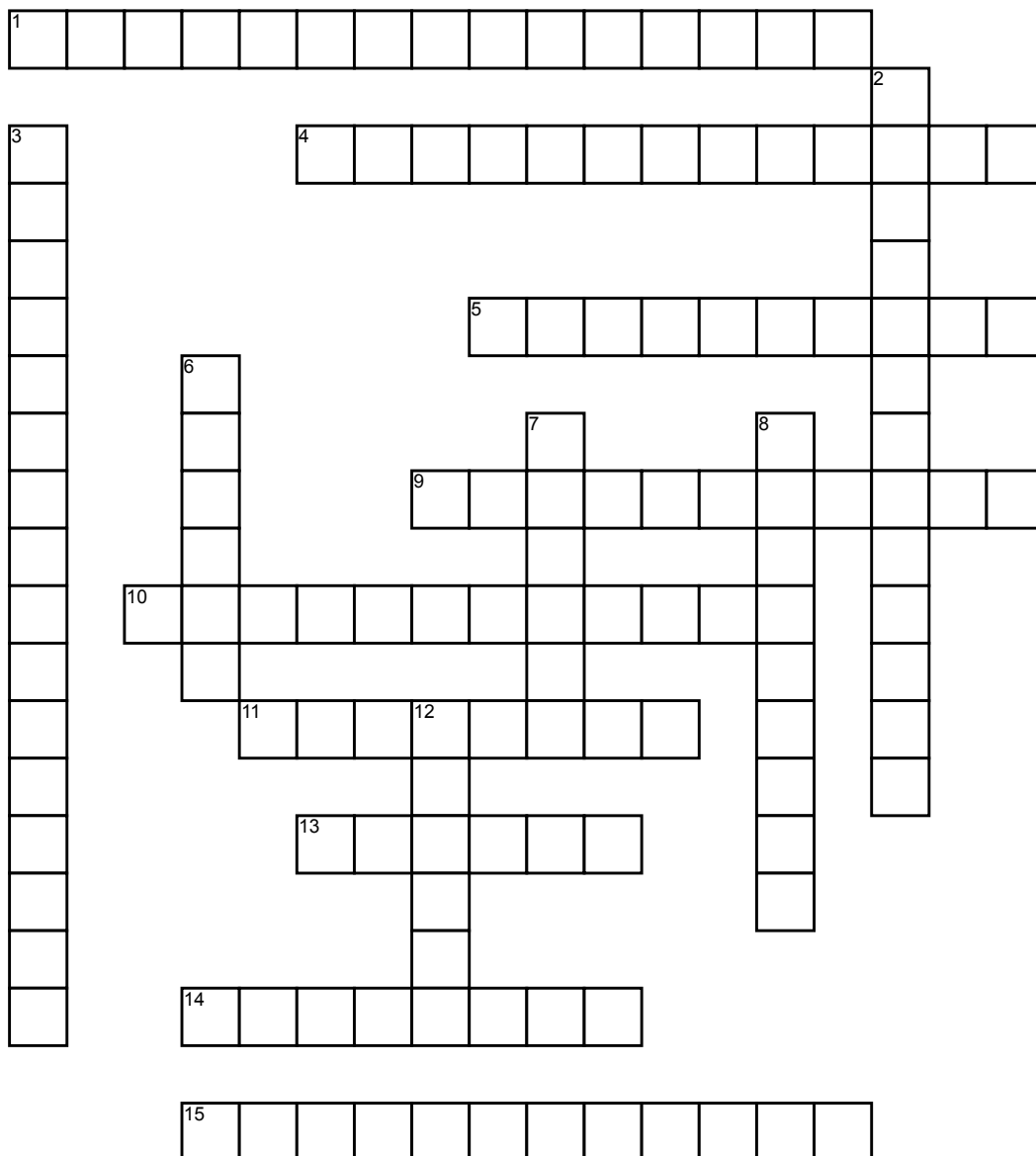


Earth Science Astronomy Standards



Across

- 1.** a galaxy full of dim stars
4. a process when two or more low-mass nuclei join together to form or fuse another nucleus
5. a small dense star that is typically the size of a planet
9. a group of stars that are close together relative to surrounding stars
10. a series of star types to which most stars belong to

- 11.** a very large and red star of high luminosity and low surface temperature
13. a rapidly spinning neutron star that emits pulses of radio and optical energy
14. a spiral galaxy that our solar system is located in
15. a galaxy in which the stars and our solar system are in one or more spiral arms

Down

- 2.** the theory that the universe began with a huge explosion and left radiation

- 3.** a type of galaxy having an approximately ellipsoidal shape and a smooth, nearly featureless brightness profile
6. a very luminous object that produces energy at a high rate
7. a cloud of gas and dust in outer space
8. a gigantic explosion in which it was caused by a massive star
12. a large group of stars, dust, and gas