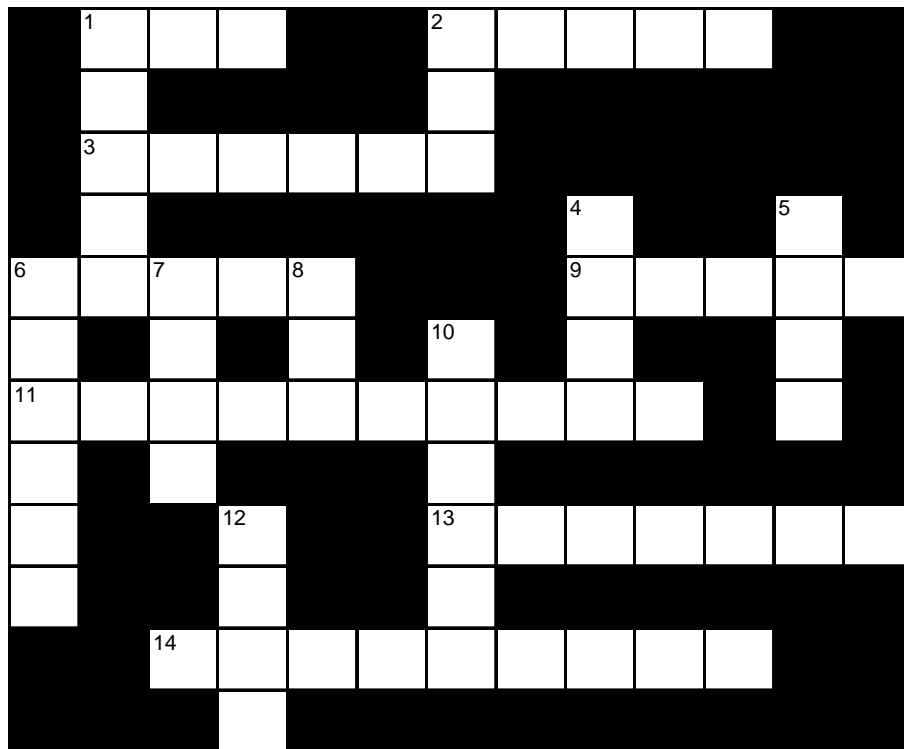


# Nuclear Astrophysics Crossword Puzzle



## ACROSS:

1. This is the place where scientists perform experiments
2. Astronomers study stars in outer \_\_\_\_\_ to learn more about how elements are made.
3. The Milky Way \_\_\_\_\_ is home to our solar system.
6. The sun is the closest one of these (they come in a variety of sizes, colors and temperatures).
9. This is the planet that we live on.
11. Some of these professionals do experiments in a lab, while others do 'thought experiments'.
13. This is a science that deals with matter, energy, motion and force.
14. This is a giant explosion that happens at the end of a stars life

## DOWN:

1. Stars shine bright giving off a lot of this type of energy.
2. At night this is lit up by millions of twinkling stars, and sometimes Venus.
4. This is another type of energy that is produced by stars like our sun
5. This small particle has a nucleus surrounded by electrons.
6. A solar \_\_\_\_\_ is made up of orbiting planets
7. The Earth spins on its \_\_\_\_\_ once every 24 hours
8. A star that is at the central part of the solar system is this
10. The Big \_\_\_\_\_ is one constellation you can find in the northern sky
12. A nucleus with two protons and two neutrons has this many nucleons.

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