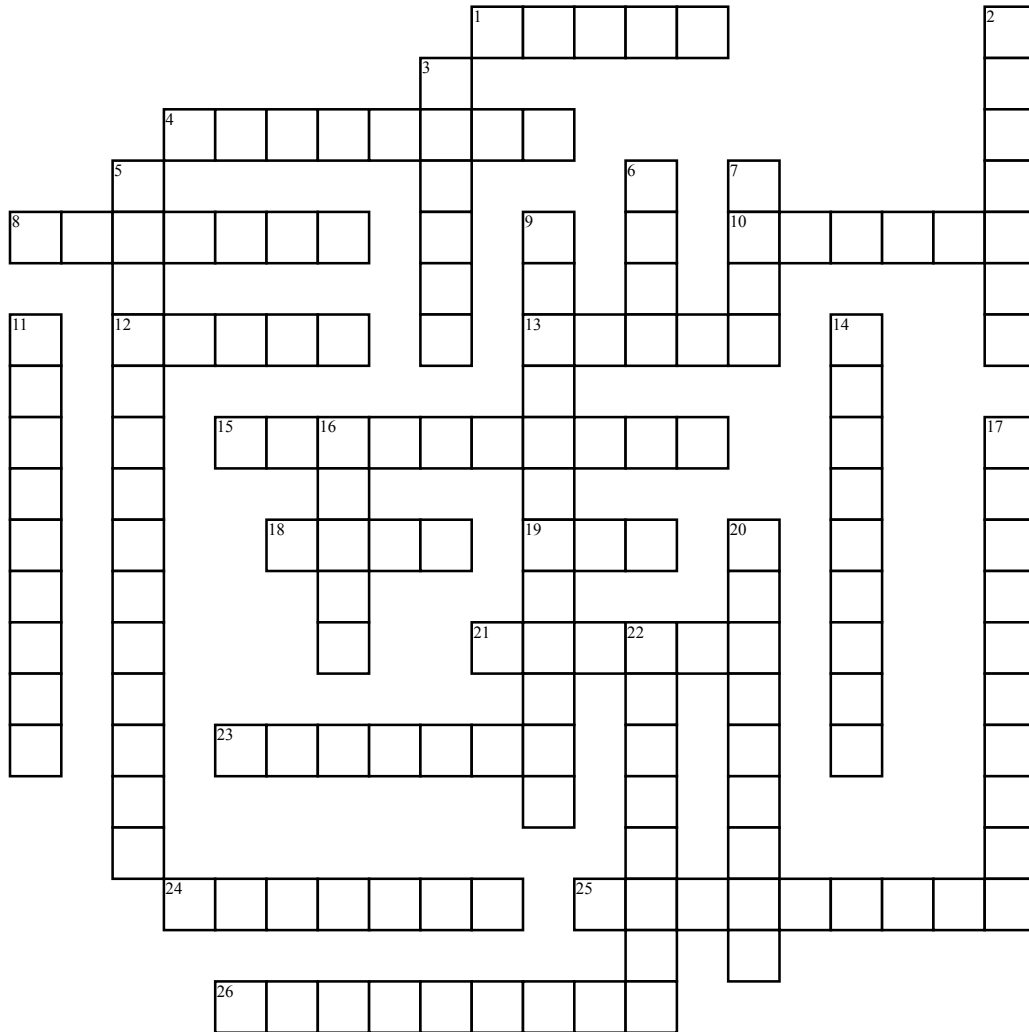


astronomy



Across

- 1. the second planet from the sun and our closest planetary neighbor.
- 4. Around 150 AD Claudius Ptolemaeus wrote the great handbook of astronomy
- 8. a subatomic particle found in the nucleus of every atom.
- 10. a light phenomenon caused by solar winds interacting with the Earth's magnetic field.
- 12. astronomical object consisting of a luminous spheroid of plasma held together by its own gravity.
- 13. colliding body
- 15. can briefly outshine entire galaxies and radiate more energy than our sun will in its entire lifetime.
- 18. moon
- 19. International Astronomical Union

- 21. a large, round object in space that moves around a star
 - 23. dense and hot state and continues to expand today
 - 24. the fifth planet from the Sun and the largest in the Solar System.
 - 25. "the scientific study of the large scale properties of the universe as a whole."
 - 26. the negatively charged particles of atom.
- Down**
- 2. types of neutron stars; the dead relics of massive stars
 - 3. an interstellar cloud of dust, hydrogen, helium and other ionized gases.
 - 5. named patterns of stars.
 - 6. Cosmic Background Explorer

- 7. National Aeronautics and Space Administration.
- 9. the study of life in the universe.
- 11. an event that occurs upon the death of certain types of stars.
- 14. vast expansion of space filled with this energy
- 16. a dwarf planet in the Kuiper belt, a ring of bodies beyond Neptune.
- 17. deals with measurements (as of positions and movements) of celestial bodies.
- 20. greek word for star law
- 22. neutral subatomic particle that is a constituent of every atomic nucleus except ordinary hydrogen

Word Bank

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|------------|--------------|---------|----------------|-----------|-----------|-----------|
| luna | supernovae | NASA | COBE | pluto | neutrons | almagest |
| astrometry | inflation | bigbang | Venus | nebula | electrons | supernova |
| pulsars | stars | theia | aurora | cosmology | protons | IAU |
| astronomy | astrobiology | Jupiter | constellations | planet | | |