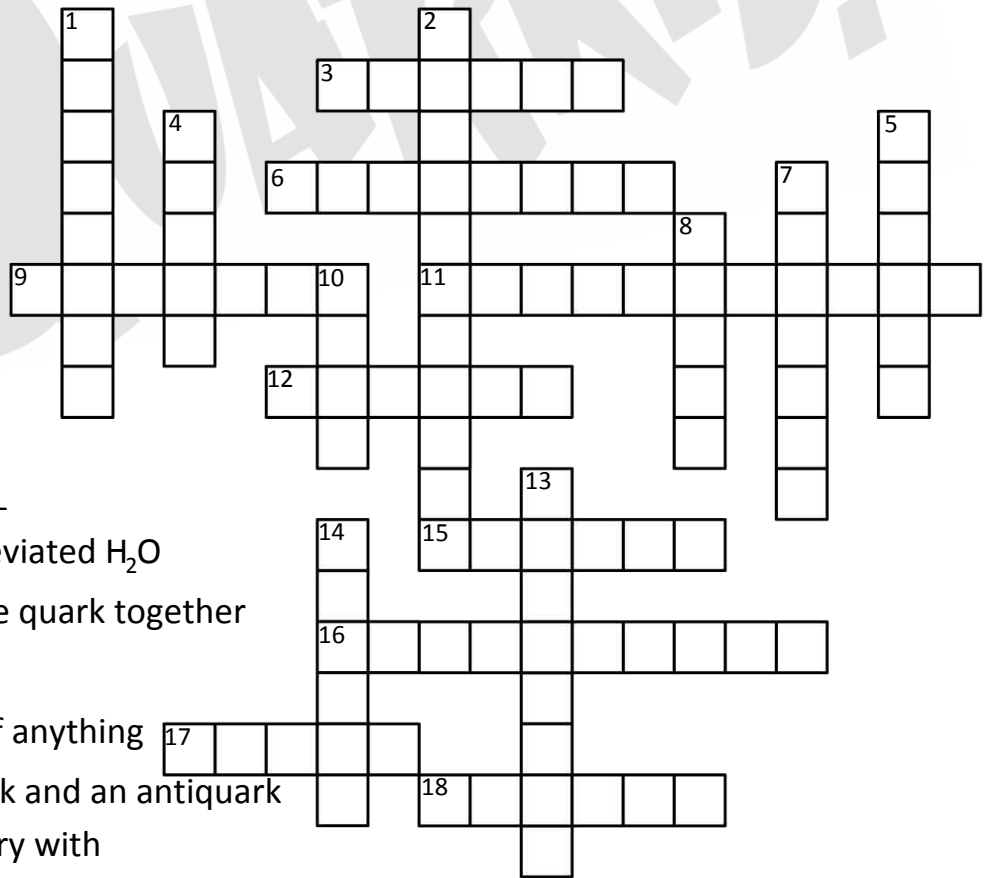


Adventures in the Subatomic Universe



Down

1. Neutral lepton (has no electric charge)
2. Unstable atoms are ____
4. A molecule often abbreviated H₂O
5. The force that binds the quark together inside a proton
7. The smallest amount of anything
8. Particle made of a quark and an antiquark
10. The European laboratory with the Large Hadron Collider
11. The accelerator lab near Chicago
14. Name to describe the type of quarks

Across

3. A particle that does not decay quickly
6. A table used to organize the chemical elements
9. Particles move with this kind of energy
11. A machine used to speed up particles
12. Two ups and a down quark make this particle
15. Something that all things have, comes in different forms, and cannot be created or destroyed
16. The counterpart of matter
17. A property of quarks
18. Up, down, and charm are all flavors of these particles