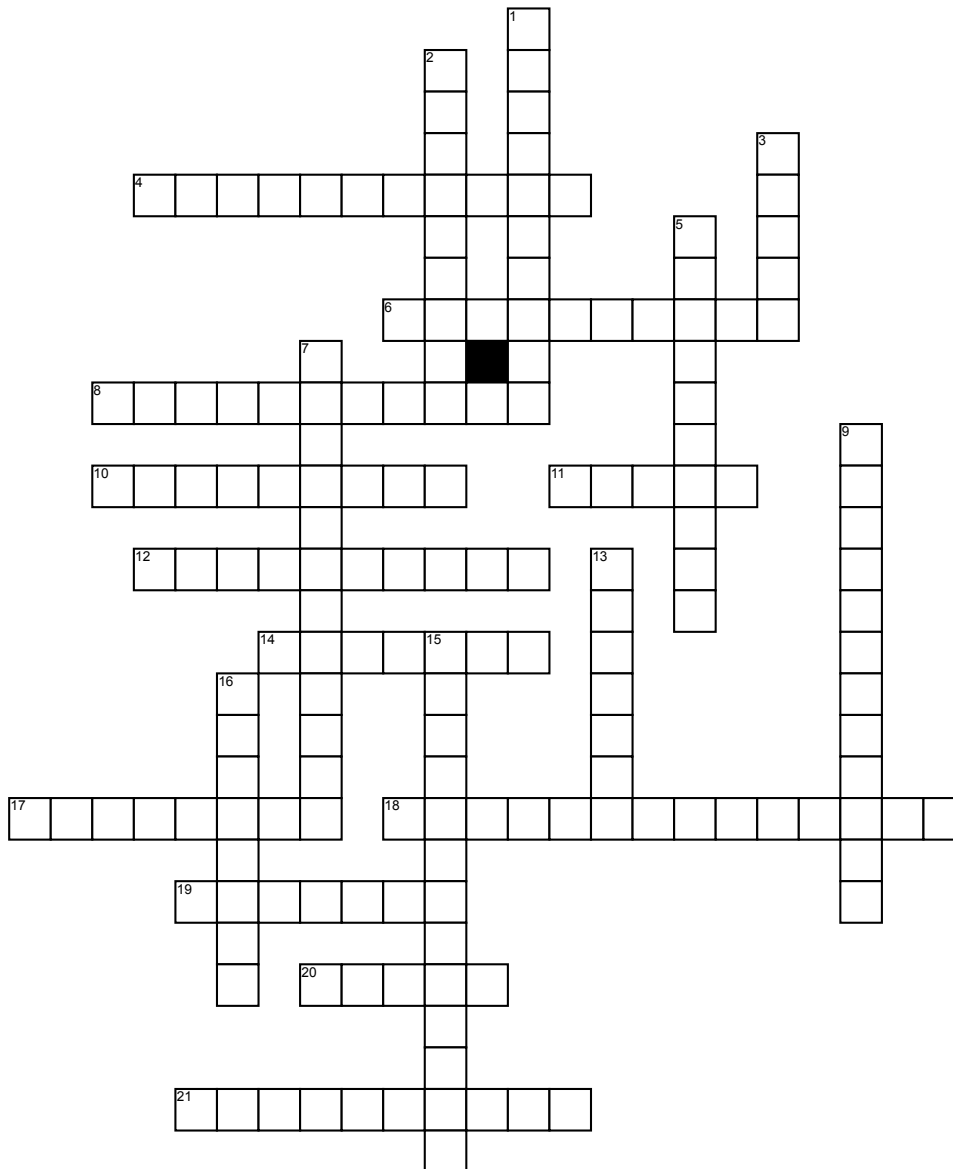


Engineering



Across

4. Engineers find practical uses for scientific _____
6. The youngest and largest of the major engineering fields
8. This sub-branch of chemical engineering deals with biological organisms and molecules
10. Electrical engineers study the properties of electricity and _____
11. Father of chemical engineering (last name only)
12. Focuses on the design and framework of structures
14. The father of electrical studies (last name only)

17. Branch of engineering responsible for chemical production and the manufacturing of products through the chemical process
18. Sub-branch of civil engineering responsible for functional design, operation and management of facilities for any mode of transportation
19. The father of modern civil engineering (last name only)
20. The sub-branch of electrical engineering that refers to the design, distribution, and maintenance of electricity

21. Father of city planning

Down

1. Design artificial internal organs, replacements for body parts, and machines for diagnosing medical problems

2. Sub-discipline of civil engineering is concerned with the flow and conveyance of fluids, principally water and sewage.
3. Considered the oldest of the major fields of engineering
5. _____ engineers are considered general engineers
7. Sub-branch of mechanical engineering that deals with soil and rocks
9. Sub-branch of engineering that is involved with actually building structures
13. Design of the Pyramid of Djoser, a step pyramid at Saqqara in Egypt
15. Sub-discipline of chemical engineering concerned with the application of scientific and engineering principles for protection of human populations
16. Created the first practical steam engine (last name only)