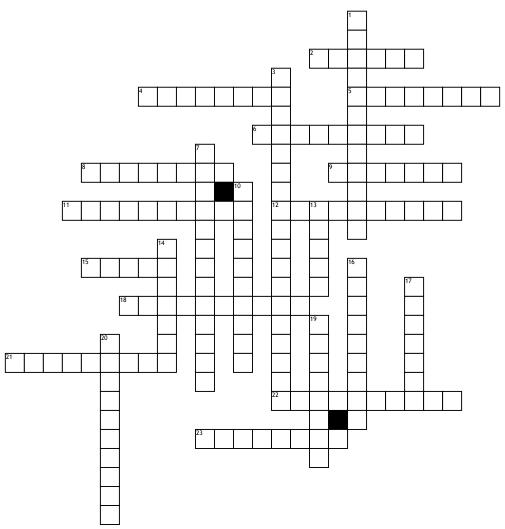# Engineering Careers

Across

2. Works to design and construction of seagoing vessels and structures, focusing primarily on their internal systems

4. Works with coding and creating software

5. Works to develop and improve the software programs and hardware that make computers run

6. Works to design and develop technology and methods for digging the earth's surface to extract oil and gas

8. Works with lighting and electricity

9. Works with the quality of items

11. Works with ways to eliminate waste of time, money, materials, man hours, and other resources

12. Works with science, math, physics and engineering to make mechanical objects

15. Works on the technical aspects of equipment set-up and operation, but also requires a creative side to enhance and blend the sounds to produce the desired effects

18. Works with doctors to build equipment for clinical problems

21. Works with the mechanical properties of liquids or fluids

22. Works to design the support integrity of large developments such as buildings, bridges and stadiums

23. Works with chemicals and may also design chemical plants

Down

1. Works in aquaculture (raising food sources that thrive in water), land farming and forestry

3. Works to research, design, development and production of communications equipment/systems

7. Works to to protect and improve the environment. The quality of air, water, and soil is their primary focus

10. Works with electricity, electronics, and electromagnetism

13. Works on building buildings, bridges, roads, canals and dams

14. Works with robots and mechanisms

16. Works in building Space and Air Vehicles

17. Works with nuclear equipment and design nuclear plants

19. Works with trains

20. Works to research, design and develop vehicles and their subsystems

Word Bank

software	civil	industrial	chemical	structural
robotic	nuclear	electrical	railroad	audio
aerospace	petroleum	agricultural	Lighting	quality
marine	biomedical	telecommunications	hydraulic	automotive
mechanical	computer	environmental		