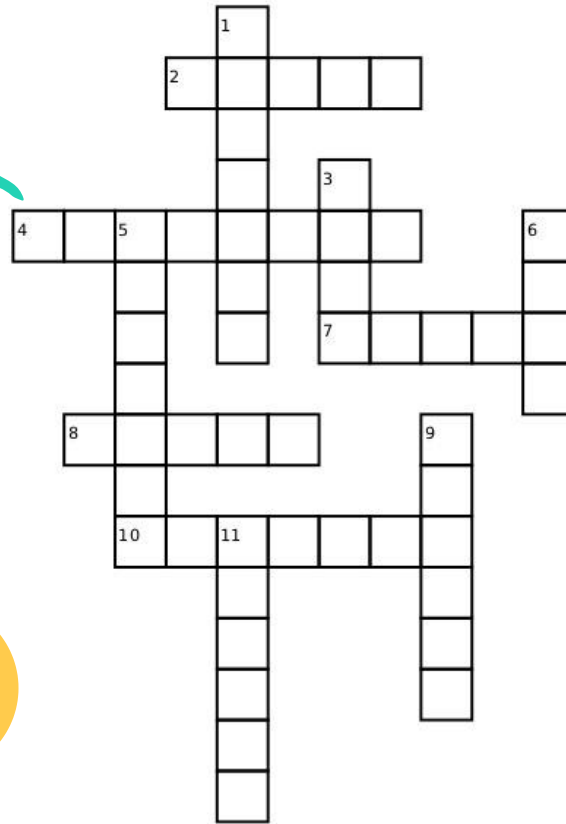


ROBOT CROSSWORD PUZZLE



Down:

1. Some robots have _____ that you can push to turn them on, off or to make them do other things.
3. This toothed wheel engages another toothed wheel in order to transmit force to change speed. Rhymes with "hear."
5. A robot uses _____ to feel its surroundings.
6. When you study _____, you will learn addition, subtraction, multiplication and division, the basis of engineering and most technology.
9. _____ are one of the ways that robots, like cars, can move through the world.
11. When you come up with an idea and then build it, you _____ something new.

Across:

2. To create new technology, you must _____ it (turn it from a design into a real, physical machine).
4. You can _____ new things when you study science, technology, engineering and math.
7. A machine that can do things on its own is called a _____.
8. The robot's _____ move the wheels, arms and grippers.
10. _____ is a school subject that includes biology, chemistry and physics.