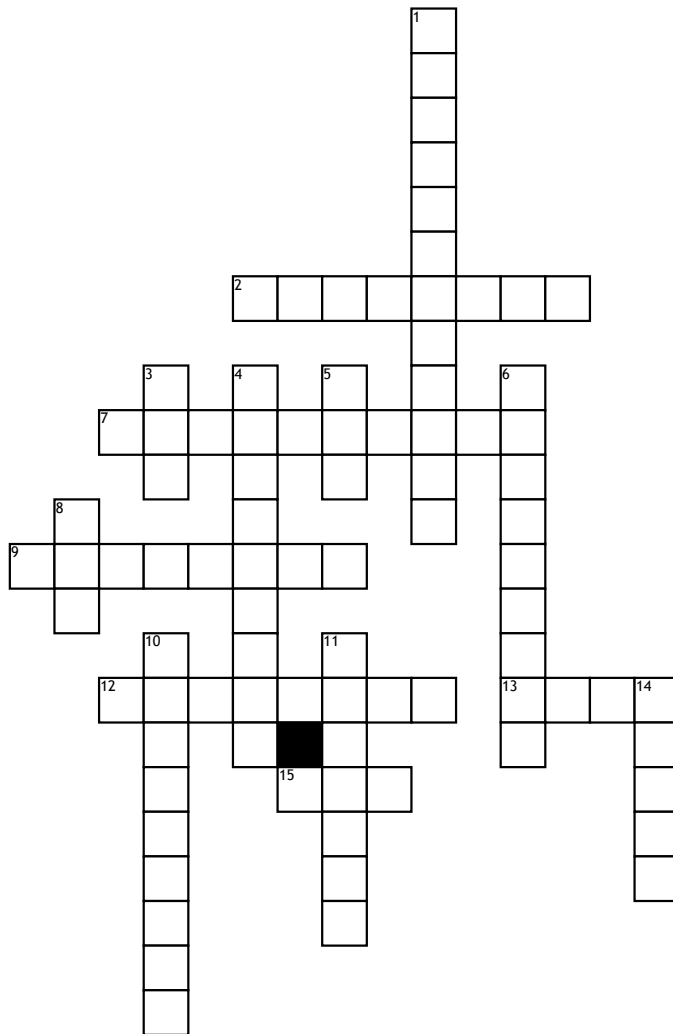


Manu. Fact. Tech



Across

- 2. Objects made with clay and hardened with heat.
- 7. Improvement or modification of an idea
- 9. Comes from flowering plants, hard and durable.
- 12. Evergreen trees, soft and workable.
- 13. Occupational Safety and Health Administration.
- 15. Automated Guided Vehicles

Down

- 1. Hot wire on a foam cutter that could burn you
- 3. Computer Numerical Control
- 4. When you combine materials together to form a new structure with properties that differ, usually consists of a matrix and a reinforcement.
- 5. Computer Aided Design

6. The first time something is made

8. _ _ _ Newton

10. Joining pieces of material together

11. Using localized compressive forces to shape metal

14. A metal made by combining two or more metallic elements to give greater strength or resistance to corrosion

Word Bank

- | | | | | |
|---------------|-----------|------------|----------|-----------|
| Invention | Softwood | Innovation | Alloy | Combining |
| CAM | Composite | AGV | CAD | CNC |
| Nichrome Wire | OSHA | Forging | Ceramics | Hardwood |