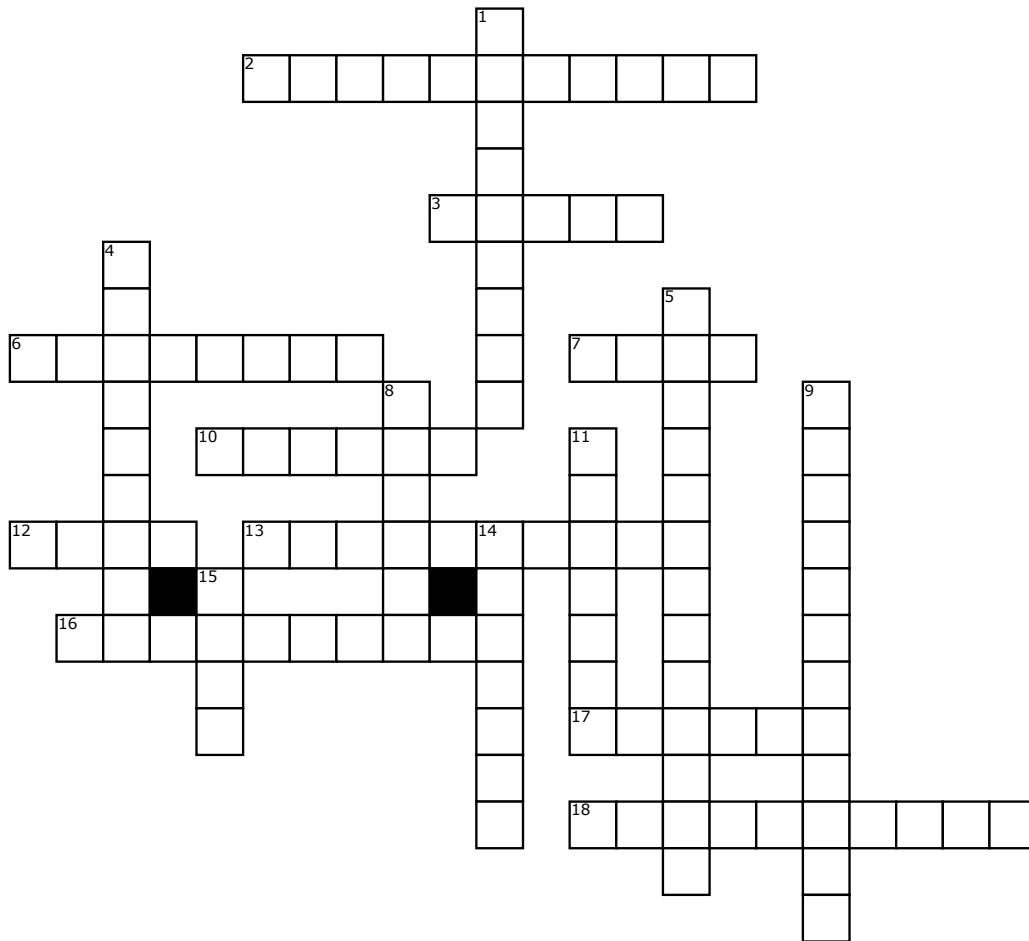


# Aerospace Engineering Vocabulary



**Across**

- 2.** Is primarily concerned with the forces of Drag and lift, which are caused by air passing over and around solid bodies
- 3.** An unmanned aerial vehicle is an aircraft without a human pilot
- 6.** A vehicle that is able to fly by gaining support from the air
- 7.** The National Aeronautics and Space Administration
- 10.** A vector quantity, the gravitational force acting on the object
- 12.** Pull (someone or something) along forcefully, roughly, or with difficulty
- 13.** The assumption of a false appearance or form

**16.** Is a flying vehicle with a system of rotors that lift and propel it

- 17.** Is the process by which an object moves through an atmosphere without contact with the surface
- 18.** A vehicle used for traveling in space

**Down**

- 1.** Is a hypothetical new fast transport system between cities, which works by launching pods that carry people through a very low air pressure tunnel
- 4.** The human effort in science, engineering, and business to fly in the atmosphere of Earth and surrounding space
- 5.** Is the theory and practice of travel beyond Earth's atmosphere

**8.** Push (something or someone) suddenly or violently in the specified direction

- 9.** Relating to the science or practice of building or flying aircraft
- 11.** Technologies, products, and processes that have been derived from NASA development and expertise
- 14.** The term used to describe the cross-sectional shape of an object that, when moved through a fluid such as air, creates an aerodynamic force
- 15.** To raise to a higher position or level

**Word Bank**

- |           |               |             |              |            |
|-----------|---------------|-------------|--------------|------------|
| Thrust    | Drone         | Aerodynamic | Aerospace    | NASA       |
| Aircraft  | Spinoff       | Flight      | Aeronautical | Weight     |
| Hyperloop | Astronautical | Spacecraft  | Lift         | Simulation |
| Drag      | Helicopter    | Airfoil     |              |            |