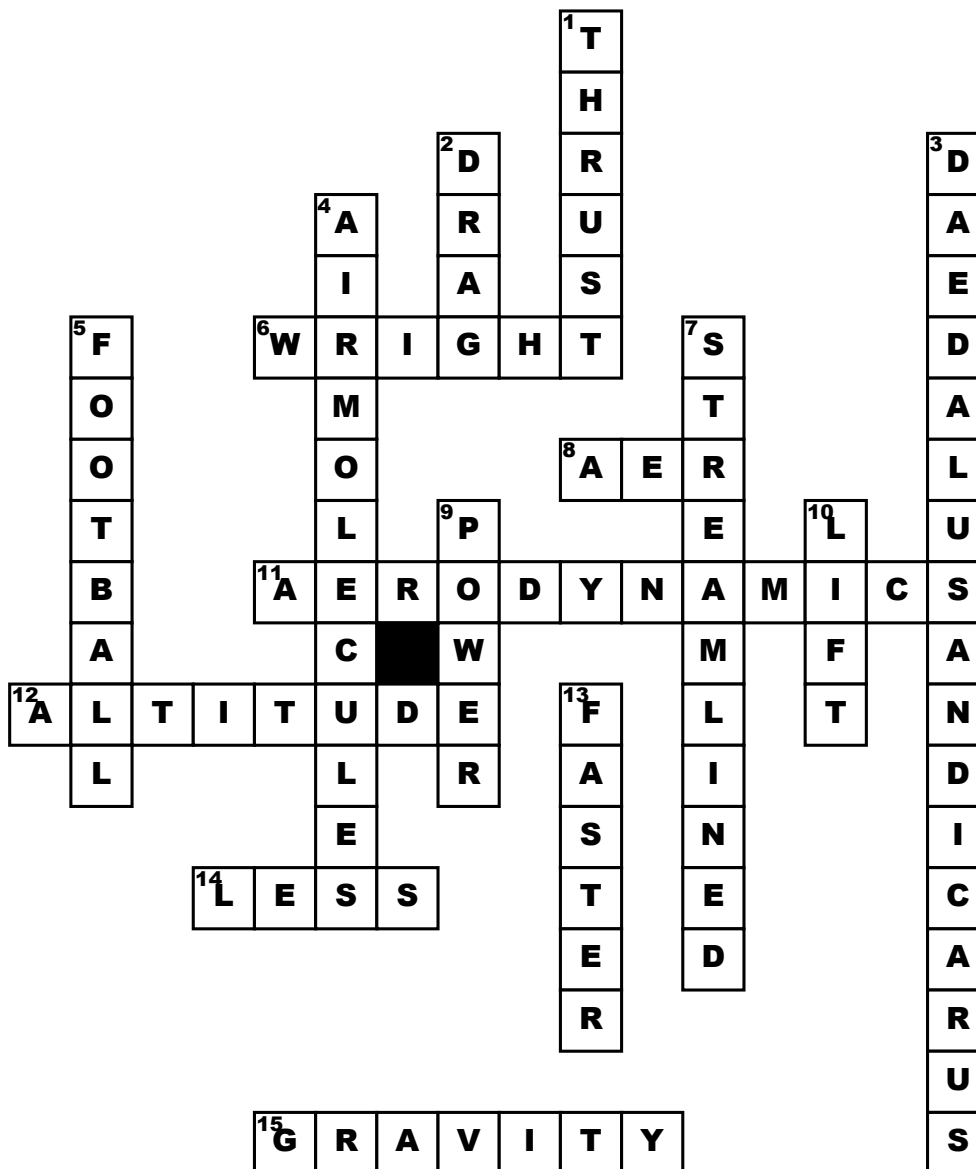


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Aerodynamics Crossword



## Across

6. The ..... brothers are famous for inventing, building and flying the first successful airplane.

8. Greek translation of 'air'

11. The study of how gases interact with moving objects.

12. When designing plane wings, engineers have to take speed and ..... into account.

14. If an object has a chunkier shape, is it more or less aerodynamic?

15. Caused by the weight of an object to bring it down.

## Down

1. The force that keeps objects in motion moving forwards.

2. The force that slows moving objects down.

3. Father and son famous for building wings made of feathers and wax to escape the island of Crete in Greek mythology.

4. Moving objects push these aside, generating drag.

5. Which is more aerodynamic - a football or a metal tin?

7. Planes and rockets are designed in a ..... way to minimise the drag acting on them.

9. English translation of 'dynamis'

10. This force keeps objects in motion up in the air.

13. Because plane wings are flatter at the bottom, air molecules travel .... underneath the wing.