

1. Acceleration	rate of change of velocity
2. Aerodynamics	The study of forces and the resulting motion of objects through the air.
3. Bernoulli's Principle	As the speed of a fluid increases, its pressure decreases.
4. Chord Line	An imaginary straight line from the airfoil's leading (front) edge to its trailing (aft) edge.
5. drag	resistance by friction from air or water moving over a surface
6. Force	a push or pull on an object
7. gravity	A force that pulls objects toward each other
8. lift	an upward force on an object that moves in a fluid
9. mass	A measure of the amount of matter in an object
10. Newton's First Law	"inertia" An object at rest stays at rest and an object in motion stays in motion with the same speed and in the same direction unless acted upon by an unbalanced force.
11. Newton's Second Law	Force equals mass times acceleration
12. Newton's Third Law	For every action there is an equal and opposite reaction
13. surface area	The measurement of the outer surface of an object
14. thrust	example of "Newton's Third Law" A system creates force in one direction, causes an equal and opposite force in the opposite directions.
15. Velocity	the speed and direction of a moving object
16. Weight	the force of gravity on an object
17. wingspan	The length of a wing, measured from wingtip to wingtip.