

Physics | Science Power Standards

1. Explains motion and the principles that describe motion.
2. Explains how Newton's Laws can be used to explain the motion of objects and applies these laws to application problems.
3. Explains and applies the concepts of work, kinetic energy and power.
4. Explains and applies the concepts of gravitational potential energy and the conservation of mechanical energy.
5. Explains and applies the concepts of momentum, impulse and conservation of momentum.
6. Applies the scientific inquiry process and uses communication, collaboration, and scientific honesty to investigate the natural world.