

ICSE Board Physics Syllabus for Class 10

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Physics

1. Motion

Laws of motion

2. Mechanical Force

Friction

3. Work

Fundamentals of work, lever & pulley, power

4. Energy

Fundamentals of energy, potential energy, kinetic energy, energy conservation principle

5. Magnetism

Magnetic field, electro-magnetism, magnetic force

6. Electricity

Electric circuits, electric force, Ohm's law, electric power, potential difference, resistance & resistivity

7. Light

Reflection, refraction, concave lens, convex lens, prism, cathode ray tube, eye & camera, total internal reflection, electro magnetic spectrum

8. Heat

Specific heat, latent heat

9. Sound

Sound waves, sound quality, vibration

10. Radioactivity

Fundamentals of radioactivity