

# 11<sup>th</sup> and 12<sup>th</sup> Standard Subjects (Physical Science)

11<sup>th</sup> and 12<sup>th</sup> Standard Subjects (Physical Science):

**11<sup>th</sup> Standard Subjects:**

1. Physical World and Measurement
2. Kinematics
3. Laws of Motion
4. Work, Energy, and Power
5. System of Particles and Rotational Motion
6. Oscillations
7. Mechanical Properties of Solids and Fluids
8. Thermodynamics
9. Waves and Sound

**12<sup>th</sup> Standard Subjects:**

1. Electric Charges and Fields
2. Electrostatics
3. Current Electricity
4. Magnetism and Magnetic Effects of Current
5. Alternating Current
6. Ray Optics and Optical Instruments
7. Atoms and Nuclei
8. Semiconductors and Communication Systems

These subjects are compulsory for all students of the 11<sup>th</sup> and 12<sup>th</sup> standards.

**Note:** The subjects are to be studied in the order mentioned above.