Scheme of Work - Progression

Physics

2nde-International

Period 1	States of matter Particle model Gases and absolute scale of temperature Thermal expansion of solids, liquids and gases Specific Heat Capacity

Autumn – Mid-Term Holiday

Period 2	Melting, boiling and evaporation Conduction Convection Radiation Consequences of thermal energy transfer

Winter Holiday

Period 3	General properties of waves Reflection of light Refraction of light Thin lenses

Winter - Mid-Term Holiday

Period 4	Dispersion of light Electromagnetic spectrum Sound

Spring Holiday

Period 5	The atom The nucleus Detection of radioactivity The three types of nuclear emission Radioactive decay Half-life Safety precautions