



# The Syllabus

## *London Examinations IGCSE syllabus*

### **1. Forces and motion**

- Units
- Movement and position
- Forces, movement and shape

### **2. Electricity**

- Units
- Mains electricity
- Energy and potential difference in circuits
- Electric charge

### **3. Waves**

- Units
- Properties of waves
- The electromagnetic spectrum
- Light and sound

### **4. Energy resources and energy transfer**

- Units
- Energy transfer
- Work and power
- Energy resources and electricity generation

### **5. Solids, liquids and gases**

- Units
- Density and pressure
- Change of state
- Ideal gas molecules

### **6. Magnetism and electromagnetism**

- Units
- Magnetism
- Electromagnetism
- Electromagnetic induction

### **7. Radioactivity and particles**

- Units
- Radioactivity
- Particles

