

IGCSE MONTHLY BREAKDOWN

1st Month

1. Length and time (Physical Quantities)
2. Mass, Weight and Density
3. Scalars and Vectors
4. Motion (Kinematics)
5. Forces
6. Pressure
7. Work Energy Power

2nd Month

1. Thermal Processes
2. Simple kinetic molecular model of matter
3. Thermal properties and temperature
4. The nuclear atom
5. Radioactivity
6. General wave properties
7. Light (Including Electromagnetic spectrum)
8. Sound

3rd Month

1. Electrical Quantities
2. Electric Circuits
3. Dangers of electricity
4. Simple phenomena of magnetism
5. Electromagnetic effects
6. Digital electronics
7. Momentum

GCE MONTHLY BREAKDOWN

1st Month

1. Physical Quantities, Units and Measurement
2. Mass, Weight and Density
3. Scalars and Vectors
4. Kinematics
5. Dynamics
6. Deformation
7. Turning Effect of Forces
8. Energy Sources and Transfer of Energy
9. Pressure

2nd Month

1. Transfer of thermal energy
2. Temperature
3. Thermal Properties of Matter
4. Kinetic Model of Matter
5. The nuclear atom
6. Radioactivity
7. General wave properties
8. Light (Including Electromagnetic spectrum)
9. Sound

3rd Month

1. Static Electricity
2. Current Electricity
3. D.C. Circuits
4. Practical electricity
5. Magnetism
6. Electromagnetism
7. Electromagnetic Induction
8. Introductory Electronics
9. Electronic Systems (Digital Electronic-optional for GCE)