

Term 1

Proposed Date/Week	Unit/Section	Topic	Modules
1	SECTION A PHYSICAL MEASUREMENTS AND UNITS	FUNDAMENTAL AND DERIVED QUANTITIES	1. Fundamental Quantities and units 2. Prefixes 3. Scientific Notation 4. Derived Units
2		MEASUREMENT	5. Scales 6. Errors 7. Simple pendulum
3			8. Area
4			9. Volume 10. Graphs 11. Density
5	SECTION B MECHANICS	STATICS	1. Force 2. Moment of Force 3. Deformation
6			
7		VECTORS	4. Galileo
8			5. motion in a straight line
9		DYNAMICS	6. Aristotle
10			7. Newton's Laws
11			8. Momentum
11		ENERGY	9. Forms of energy
12			10. Conservation
12			11. Potential Energy
12			12. Kinetic Energy
12			13. Power
13		HYDROSTATICS	14. Pressure
13			15. Archimedes' Principle

Term 2

Proposed Date/Week	Unit/Section	Topic	Modules
1	SECTION C THERMAL PHYSICS AND KINETIC THEORY	MACROSCOPIC PROPERTIES AND PHENOMENA	1. Temperature
2			2. Expansion
3		NATURE OF HEAT	3. Gas Laws
4			4. Brownian Motion
5		THERMAL MEASUREMENTS	5. Nature of heat
6			6. Specific Heat Capacity
7			7. Phases of Matter
8		TRANSFER OF THERMAL ENERGY	8. Specific Latent Heat
9	9. Conduction		
10	SECTION D WAVES AND LIGHT	WAVE MOTION	10. Radiation
11			11. Convection
12		WAVE PHENOMENA	1. Types of Waves
			2. Wave Parameters
		3. Reflection, Refraction, Diffraction	
		4. Superposition	

Term 3

Proposed Date/Week	Unit/Section	Topic	Modules
1	SECTION D WAVES AND LIGHT	SOUND	1. Production and Propagation
2			2. Speed of Sound
3			3. Audio Frequences
4		ELECTROMAGNETIC WAVES	4. Electromagnetic Waves
5			5. Waves or Particles
6		LIGHT WAVES	6. Rays of Light
7			7. Laws of Reflection
8			8. Image in a Plane Mirror
9			9. Refraction
10			10. Laws of Refraction
11		REFLECTION AND REFRACTION OF LIGHT	11. Critical Angle and Total Internal Reflection
12			12. Dispersion
13	13. Action of Lenses		
14	LENSES	14. Image Formation	
15		15. Optical Instruments	