XPERT·STEM

	Chapter 1	Chapter 2	Chapter 3
Physics Grade 9 & 10 (Division 4)	SI units and measurement	Work Energy principles	Electrical circuits, current and components
	Mass and Weight	Waves in depth	Power
	Scalars and vectors	Magnetism and Induction	Electrostatics
	Motion, definitions, interpretation and basic calculations	Potential difference and electromotive force	Light and Sound in depth

	Chapter 1	Chapter 2	Chapter 3
Physics Grade 11 & 12 (Division 5)	Mechanics advanced Forces and Vector Calculation understanding	Doppler Effect	Electrodynamics
	Momentum and Impulses	Photoelectric Effect and properties of matter	Mechanics Newtons Laws
	Vertical projectile motion	Electric circuits and EMF in depth	Centrifugal forces
	Work Energy and Power	Electrostatics	Geometric Optics