



KEVI CAMP HILL SCHOOL FOR GIRLS

PHYSICS

CURRICULUM MAP (YEARS 7-11)



		AUTUMN TERM	SPRING TERM	SUMMER TERM
KEY STAGE 3	YEAR 7	Physics is taught as part of KS3 Science Energy (including forms of energy, stored energy, cost, Sankey diagrams, energy from food and energy supplies)	Physics is taught as part of KS3 Science Electricity and Magnetism (including series and parallel circuits, conductors and insulators, static, magnets and electromagnets)	Physics is taught as part of KS3 Science Forces and Space (including resultant force, weight and mass, speed, distance time graphs, stars and galaxies, effects of the Earth's motion, satellites, phases of the moon and planets)
	YEAR 8	Heating & Cooling Light	Light Sound	Sound Forces End of year exams
	YEAR 9	Forms of energy Changes in energy Specific heat capacity Power Energy transfer in the home	National & Global energy resources Current potential difference & resistance Series & Parallel circuits	Current potential difference & resistance Series & Parallel circuits End of year exams
KEY STAGE 4	YEAR 10	Mains electricity; Static electricity Power & energy; National Grid Changes of state Density Internal energy Particle model & pressure	Atoms & isotopes Atoms & radiation Hazards & uses of radioactive emissions Fission & Fusion Forces & their interactions	Forces & elasticity Moments levers & gears Pressure in a fluid Atmospheric pressure
	YEAR 11	Motion along a straight line Forces acceleration & Newton's laws Forces & braking Momentum Waves Mock exams	Waves; EM Spectrum Lenses Black body radiation Electromagnets Motor effect Transformers & National Grid	Space Revision & exam technique Final exams