



Physics Curriculum (KS5) - A Level Year 1

Exam Board: AQA Qualification: A Level Physics

 Holly Lodge High School College of Science						
Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Focus	Section 1: Particles Section 2: Waves	Section 1: Radiation Section 2: Optics	Section 3: Mechanics Section 4: Electricity	Section 3: Materials	Revision	Real life application of Physics
Key Tasks	Theory relating to key focus topics and practical's that enhance the learning of key terms	Theory relating to key focus topics and practical's that enhance the learning of key terms	Theory relating to key focus topics and practical's that enhance the learning of key terms	Theory relating to key focus topics and practical's that enhance the learning of key terms	Theory relating to key focus topics and practical's that enhance the learning of key terms	Theory relating to key focus topics and practical's that enhance the learning of key terms
Assessment	Required practical: Stationary waves End of topic test	Required practical: Young's slit experiment Required practical: Determination of g End of topic test	Required practical: Investigation of emf Required practical: Resistivity of a wire End of topic test	Required practical: Determination of Young modulus End of topic test	Mock exam	Required practical: Stationary waves End of topic test

Physics Curriculum (KS5) - A Level Year 2

Exam Board: AQA Qualification: A Level Physics

 Holly Lodge High School College of Science 						
Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Focus	Section 6: Further mechanics Section 7: Fields	Section 6: Further mechanics Section 7: Fields	Section 8 : Nuclear physics Section 9: Option topic	Section 9: Option topic Revision of Sections 1-5	Revision	Real life application of Physics
Key Tasks	Theory relating to key focus topics and practical's that enhance the learning of key terms	Theory relating to key focus topics and practical's that enhance the learning of key terms	Theory relating to key focus topics and practical's that enhance the learning of key terms	Theory relating to key focus topics and practical's that enhance the learning of key terms	Theory relating to key focus topics and practical's that enhance the learning of key terms	Theory relating to key focus topics and practical's that enhance the learning of key terms
Assessment	Required practical: Simple harmonic motion End of topic test	Required practical: Boyles law Required practical: Capacitors End of topic test	Required practical: Flux density Required practical: Magnetic flux End of topic test	Required practical: Inverse square law End of topic test	Mock exam	Required practical: Simple harmonic motion End of topic test