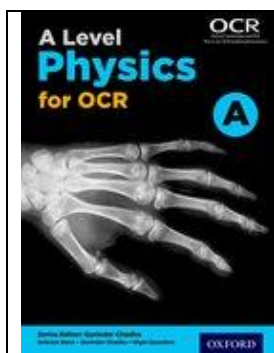


Course information			
Year: 12 Subject: Physics A level			
Subject	Physics	Subject leader contact information	Mr Garland bgarland@cottesloe.bucks.sch.uk
Examination Board	OCR A	Specification Code	OCR Physics A H556
Subject Content			
<p>Students follow the OCR Physics A program of study in the 6th form. The A level content is spread across both year 12 and year 13. In year 12 students will study the following topics</p> <p>Module 1: Development of practical skills in physics (also crosses into year 13)</p> <p>Module 2: Foundations in physics</p> <p>Module 3: Forces and motion</p> <p>Module 4: Electrons, waves and photons</p> <p>We also aim to cover some of the unit 5 content before the end of the year to ensure that the course is completed in the spring term of year 13</p>			
Additional Equipment Needed			
<ul style="list-style-type: none"> • Students will need a scientific calculator. • Students will also need the course text book 			
Assessment Details:			
<p>In year 12 Physics students will be regularly assessed on their current learning through module tests. There are 15 module tests in year 12.</p> <p>We also have formal internal testing which is used to inform current levels and predictions. Towards the start of the year students will take the 'right choice review' exam. There are also two formal mock exams and a final mock in July.</p> <p>To be successful students will need to be able to:</p> <ul style="list-style-type: none"> • Think logically to solve problems • Be great at mathematics • Think holistically about physics and physical concepts • Be exceptionally hard working 			
What can I do to support my child at home?			
Specific advice for parents... what can they do to help us?			
<ul style="list-style-type: none"> • Take an interest in the science that students are studying and discuss this with them • Help students to prepare for module exams and the formal exams. Take an interest in their performance in these and help them where possible to close gaps in knowledge • We recommend the use of Seneca learning. Encourage students to engage with this regularly and to use it for targeted revision in the preparation for exams • Knowledge is the back bone of the A level so help students to 'learn' content through questioning, helping them produce revision material/cards etc • Facilitate time for them to undertake pressure/timed practice at home so that they can develop a fluent exam technique • Help them to keep organised and to meet deadlines 			
Recommended resources for the course:			
Websites:			
<p>OCR Physics A – This is the exam board website</p> <p>Seneca Learning – This is a useful revision site</p> <p>Physics and Maths Tutor – This is an amazing resource – everything you need in one place.</p>			
Text Books:			
<p>A Level Physics for OCR A Student Book ISBN: 978-0-19-835218-1</p>			



Students can also get access to the course text books via their [Kerboodle](#) account

Teaching Staff Contact Details

Name	Role	Email	Tel
Mr Garland	Head of Science	bgarland@cottesloe.bucks.sch.uk	01296688264
Mrs Beatty	KS5 Science Coordinator	lbeatty@cottesloe.bucks.sch.uk	01296688264