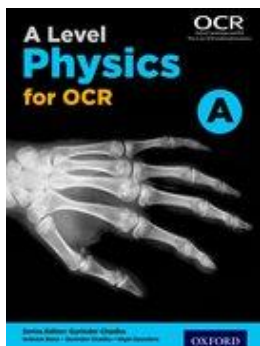


<b>Course information</b>			
<b>Year: 13 Subject: Physics A level</b>			
<b>Subject</b>	Physics	<b>Subject leader contact information</b>	Mr Garland bgarland@cottesloe.bucks.sch.uk
<b>Examination Board</b>	OCR A	<b>Specification Code</b>	OCR Physics A H556
<b>Subject Content</b>			
<p>Students follow the OCR Physics A program of study in the 6<sup>th</sup> form. Students will cover the rest of the remaining two modules through their study in year 13</p> <p>Module 1: Development of practical skills in physics (also crosses into year 13)</p> <p>Module 5: Newtonian world and astrophysics</p> <p>Module 6: Particles and medical physics</p> <p>WE aim to complete the course as early as possible in the spring term of year 13 to maximise revision and practice time</p>			
<b>Additional Equipment Needed</b>			
<ul style="list-style-type: none"> <li>• Students will need a scientific calculator.</li> <li>• Students will also need the course text book</li> </ul>			
<b>Assessment Details:</b>			
<p>In year 12 Physics students will be regularly assessed on their current learning through module tests. There are 12 module tests in year 13</p> <p>We also have formal internal testing which is used to inform current levels and predictions. There is one formal mock exam in year 13</p> <p><b>To be successful students will need to be able to:</b></p> <ul style="list-style-type: none"> <li>• Think logically to solve problems</li> <li>• Be great at mathematics</li> <li>• Think holistically about physics and physical concepts</li> <li>• Be exceptionally hard working</li> </ul>			
<b>What can I do to support my child at home?</b>			
<b>Specific advice for parents... what can they do to help us?</b>			
<ul style="list-style-type: none"> <li>• Take an interest in the science that students are studying and discuss this with them</li> <li>• 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</li> <li>• 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</li> <li>• Knowledge is the back bone of the A level so help students to 'learn' content through questioning, helping them produce revision material/cards etc</li> <li>• Facilitate time for them to undertake pressure/timed practice at home so that they can develop a fluent exam technique</li> <li>• Help them to keep organised and to meet deadlines</li> </ul>			
<b>Recommended resources for the course:</b>			
<b>Websites:</b>			
<p><a href="#">OCR Physics A</a> – This is the exam board website</p> <p><a href="#">Seneca Learning</a> – This is a useful revision site</p> <p><a href="#">Physics and Maths Tutor</a> – This is an amazing resource – everything you need in one place.</p>			
<b>Text Books:</b>			
<p>A Level Physics for OCR A Student Book ISBN: 978-0-19-835218-1</p>			
<p>Students can also get access to the course text books via their <a href="#">Kerboodle</a> account</p>			
			

Home Study and Independent Learning Parental Support Information

<b>Teaching Staff Contact Details</b>			
<b>Name</b>	<b>Role</b>	<b>Email</b>	<b>Tel</b>
Mr Garland	Head of Science	<a href="mailto:bgarland@cottesloe.bucks.sch.uk">bgarland@cottesloe.bucks.sch.uk</a>	01296688264
Mrs Beatty	KS5 Science Coordinator	<a href="mailto:lbeatty@cottesloe.bucks.sch.uk">lbeatty@cottesloe.bucks.sch.uk</a>	01296688264