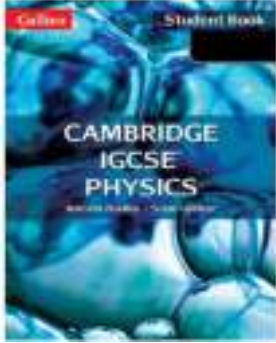




Grade 10 Physics will be learning...

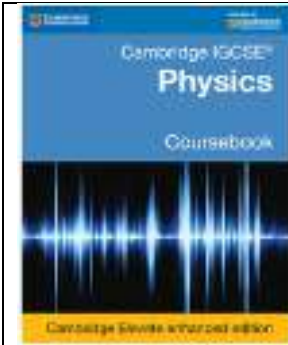
Term 1	Term 2	Term 3	Working towards
<p>Thermal physics</p> <p>Thermal physics explains the macroproperties of substances and their physical attributes such as the change of state and factors affecting boiling points. Students will spend time distinguishing the various factors.</p>	<p>Mechanics; waves</p> <p>Students will learn about the effects of forces in the mechanics section. They will also learn about forces in equilibrium and all of the associated calculations and concepts such as momentum, work, energy and power</p> <p>Students will learn about and understand the concept of waves but with respect to the electromagnetic wave and the electromagnetic spectrum and sound waves. The properties of waves are universal and can be applied to all waveforms.</p>	<p>Atomic physics; electronics</p> <p>In atomic physics students will learn about the radioactivity of atoms and what half-lives are and what they mean for an atom. potential and electric field strength.</p> <p>In the electronics section, students will learn about action of circuit components. They will learn about digital and analogue electronics.</p>	<p>Full practice exams using iGCCSE past papers. These will occur at the end of term 1 and term 2 to show the progress made prior to the examined Physics, papers.</p>

Books you may find useful:

	<p>Collins Cambridge IGCSE Physics Student Book Second Edition Paperback – 2014</p> <ul style="list-style-type: none"> • ISBN-10: 9780007592678
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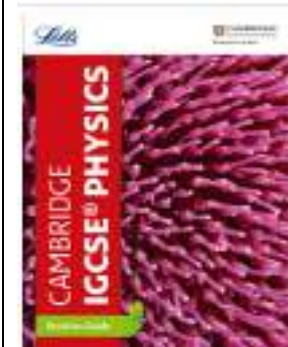


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Cambridge IGCSE Physics Coursebook
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Guide Paperback – 2017

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