



Syllabus Change Mapping Document for *Cambridge International AS & A Level Mathematics Mechanics Student's Book*

ISBN: 9781510421745

We are working with Cambridge Assessment International Education towards endorsement of this forthcoming title

Take mathematical understanding to the next level with this accessible series, written by experienced authors, examiners and teachers.

Find out how our new Mechanics Student's Book covers the changes in the revised Cambridge International AS & A Level Mathematics syllabus (9709) from 2020 below.

For more information about the full series of five Student's Books and components for this syllabus, go to www.hoddereducation.com/cambridgeasalevelmathematics

Changes to the syllabus for first examination from 2020:

Please visit www.cambridgeinternational.org for information about current syllabuses and full details of changes

The syllabus for Mechanics* is now organised into the following main topics:

- 4.1 Forces and equilibrium
- 4.2 Kinematics of motion in a straight line
- 4.3 Momentum
- 4.4 Newton's laws of motion
- 4.5 Energy, work and power

New areas of study include the following:

New content in syllabus	Chapter in Hodder Education book
<p>4.3 Momentum</p> <ul style="list-style-type: none"> • use the definition of linear momentum and show understanding of its vector nature • use conservation of linear momentum to solve problems that may be modelled as the direct impact of two bodies 	<p>Chapter 10</p>

*Note that this was previously called Mechanics 1

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View more information about all components available for this syllabus and download Sample Material at www.hoddereducation.com/cambridgeasalevelmathematics