



Syllabus Change Mapping Document for *Cambridge International AS & A Level Mathematics Probability & Statistics 1 Student's Book*

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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 Probability & Statistics 1 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 Probability & Statistics 1 is now organised into the following main topics:

- 5.1 Representation of data
- 5.2 Permutations and combinations
- 5.3 Probability
- 5.4 Discrete random variables
- 5.5 The normal distribution

New areas of study include the following:

New content in syllabus	Chapter in Hodder Education book
<p>5.4 Discrete random variables</p> <ul style="list-style-type: none"> • use formulae for probabilities for the geometric distribution, and recognise practical situations where [this] distribution [is a] suitable model • use formulae for the expectation of the geometric distribution 	<p>Chapter 6, Section 6.4</p>

New prerequisite knowledge includes:

Knowledge of the following probability notation is assumed: $P(A)$, $P(A \cup B)$, $P(A \cap B)$, $P(A|B)$ and the use of A' to denote the complement of A .

Why not try Sample Material with your students?

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