Pearson Edexcel IAL in Mathematics

100% externally assessed

Exams in January, June and October

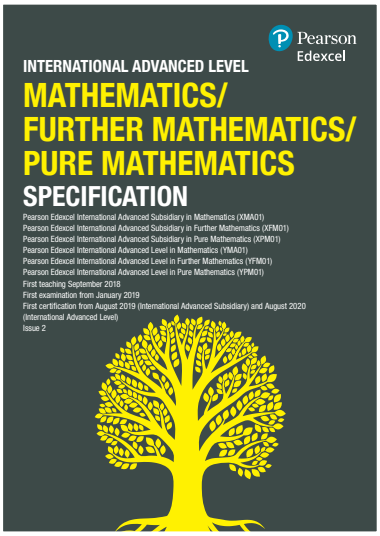
We have listened to feedback from all parts of the international school community, including a large number of teachers and universities, to ensure we develop our Mathematics qualifications to be engaging for international learners and to give them the necessary skills to support progression to higher education or further study in Mathematics.

With three different awards available, **Mathematics**, **Further Mathematics** and **Pure Mathematics**, the qualification is designed to be studied over two years, with the option of a one-year AS level course. Results of the IAS qualification can contribute to the overall IAL grade.

Key qualification features

- Unitised structure with 14 equally weighted units. Each examination timed at 1h 30m and has 75 marks available.
- Flexibility to combine units across Pure Mathematics, Further Pure Mathematics, Mechanics, Statistics and Decision Mathematics. There are 5 routes to combine units to achieve an International A Level Mathematics qualification, with additional routes for Further or Pure Mathematics..
- Three exam series per year means students can sit unit exams when they are ready.
- IAS results will continue to contribute to IAL.
- Curriculum-matched textbooks and teacher supports have been developed to support teaching and learning.

For further information and to download the specification, visit **qualifications.pearson.com/ialmaths2018**



Helping students make the best progress they can

Containing up to date and engaging content, the Pearson Edexcel International Advanced Level in Mathematics encourages students to take responsibility for their own learning and mathematical development.

Aims of the qualification – to enable students to develop:

- their understanding of mathematics and mathematical processes in a way that promotes confidence and fosters enjoyment
- the ability to reason logically and recognise incorrect reasoning, to generalise and to construct mathematical proofs
- their range of mathematical skills and techniques and use them in more difficult, unstructured problems
- an understanding of coherence and progression in mathematics and of how different areas of mathematics can be connected
- skills to recognise how a situation may be represented mathematically and understand the relationship between 'real-world' problems and standard and other mathematical models and how these can be refined and improved.

Students will use their knowledge and skills to:

- use mathematics as an effective means of communication
- read and comprehend mathematical arguments and articles concerning applications of mathematics
- acquire the skills needed to use technology such as calculators and computers effectively, recognise when such use may be inappropriate and be aware of limitations
- develop an awareness of the relevance of mathematics to other fields of study, to the world of work and to society in general
- take increasing responsibility for their own learning and the evaluation of their own mathematical development.

Your guide to assessment changes and timelines

The Core Mathematics units have been renamed Pure Mathematics and split as follows:

- Core Maths 12 content has been restructured into two units: Pure Maths 1 and Pure Maths 2 (Calculator permitted)
- Core Maths 34 content has been restructured into two units: Pure Maths 3 and Pure Maths 4 (Calculator permitted)

Decision Mathematics has been updated.

These five units have new unit codes as detailed here.

Cash-in codes remain the same.

Specification	Level	Units	Jun 2019	Oct 2019	Jan 2020	Jun 2020	Oct 2020	Jan 2021
LEGACY 2013 SPECIFICATION								
Core Maths	AS	WMA01	✓	✓	✓	✓	✗	✗
Core Maths	A2	WMA02	✓	✓	✓	✓	✗	✗
Mechanics 1	AS	WME01	✓	✓	✓	✓	✓	✓
Mechanics 2	A2	WME02	✓	✓	✓	✓	✓	✓
Mechanics 3	A2	WME03	✓	✗	✓	✓	✗	✓
Statistics 1	AS	WST01	✓	✓	✓	✓	✓	✓
Statistics 2	A2	WST02	✓	✓	✓	✓	✓	✓
Statistics 3	A2	WST03	✓	✗	✗	✓	✗	✓
Further Pure Maths 1	AS	WFM01	✓	✗	✓	✓	✗	✓
Further Pure Maths 2	A2	WFM02	✓	✗	✗	✓	✗	✓
Further Pure Maths 3	A2	WFM03	✓	✗	✗	✓	✗	✓
Decision Maths 1	AS	WDM01	✓	✗	✓	✓	✗	✗
MATHEMATICS 2018 SPECIFICATION								
Pure Maths 1	AS	WMA11	✓	✓	✓	✓	✓	✓
Pure Maths 2	AS	WMA12	✓	✓	✓	✓	✓	✓
Pure Maths 3	A2	WMA13	✗	✗	✓	✓	✓	✓
Pure Maths 4	A2	WMA14	✗	✗	✗	✓	✓	✓
Decision Maths 1	AS	WDM11	✓	✗	✓	✓	✗	✓