**This document summarises the topics of the updated Cambridge IGCSE International Mathematics (Extended) syllabus which do not align with the Haese Mathematics 2nd edition textbook.**

**Content that has been added to the updated syllabus, and does not appear in the 2nd edition textbook:**

* **E1.11 (Rates):** Common measures of rate (rates of pay, exchange rates, flow rates, fuel consumption)
* **E1.15 (Money):** Converting from one currency to another
* **E2.5 (Equations):** Fractional equations such as + =1
* **E2.6 (Linear inequalities):** Double linear inequalities such as -3 ≤ 3x-2 <7
* **E4.6 (Perpendicular lines):** Perpendicular bisectors
* **E5.4 (Symmetry):** Recognising symmetry properties of prisms, cylinders, pyramids, and cones
* **E5.7 (Circle theorems II):** Equal chords are equidistant from the centre
* **E7.4 (Trigonometric functions):** Solving trigonometric equations analytically
* **E8.1 (Transformations):** Negative scale factors for enlargements

**Content that appears in the 2nd edition textbook, which has been removed from the updated syllabus:**

* Section 4C: Line graphs
* Section 9B: The converse of Pythagoras’ theorem
* Section 16F: Lines of symmetry (on the Cartesian plane)
* Section 22H: The angle between two planes
* Section 24E: Stretches
* Section 25E: The absolute value function
* Section 35C: Sign diagrams
* Section 35D: Quadratic inequalities