



Essential Mathematics

Advice for Year 11 and 12 students learning from home

The Queensland Curriculum and Assessment Authority (QCAA) understands that the COVID-19 pandemic has changed the way many senior students are accessing their learning.

We've prepared some suggestions to help you with your studies.

Resources to support preparing for assessment

Assessment type	Suggestions to support learning from home
<p>Problem-solving and modelling task (PSMT) (IA1 — Unit 3) Problem-solving and modelling task (IA3 — Unit 4)</p> 	<ul style="list-style-type: none">• Follow an approach to problem-solving and mathematical modelling.• Review the sample PSMTs on the Assessment tab on the Essential Mathematics subject page.• Review sample problems such as those provided in<ul style="list-style-type: none">– the International Mathematical Modeling Challenge www.immchallenge.org.au/supporting-resources– NRIC Thinking Mathematically https://nrich.maths.org/8767.• Complete the Academic integrity for students course.
<p>Common internal assessment (CIA) (IA2 — Unit 3) Examination (IA4)</p> 	<ul style="list-style-type: none">• Review the sample CIA on the Assessment tab on the Essential Mathematics subject page.• Review the sample IA4 on the Assessment tab on the Essential Mathematics subject page.• Use resources to support understanding of the subject matter<ul style="list-style-type: none">– Department of Education learning @ home, Senior schooling https://education.qld.gov.au/curriculum/learning-at-home/senior-schooling– Learn mathematics with Eddie Woo, Year 11–12 (QLD) — Essential Mathematics 12 (2019 Edition) https://wootube.mathspace.co/?id=Year%2011%20-%2012%20(QLD)-184– Khan Academy www.khanacademy.org– Maths is fun www.mathsisfun.com– GeoGebra www.geogebra.org

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