



# General 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
<b>Problem-solving and modelling task (PSMT) (IA1)</b> 	<ul style="list-style-type: none"><li>• Follow an approach to <a href="#">problem-solving and mathematical modelling</a>.</li><li>• Review the sample PSMTs on the Assessment tab on the <a href="#">General Mathematics subject page</a>.</li><li>• Review the Internal assessment 1 (IA1) section of the subject report that can be found on the Teaching tab on the <a href="#">General Mathematics subject page</a>. Focus on the samples of effective practices.</li><li>• Review sample problems such as those provided in<ul style="list-style-type: none"><li>– the International Mathematical Modeling Challenge <a href="http://www.immchallenge.org.au/supporting-resources">www.immchallenge.org.au/supporting-resources</a></li><li>– NRIC Thinking Mathematically <a href="https://nrich.maths.org/8767">https://nrich.maths.org/8767</a>.</li></ul></li><li>• Complete the <a href="#">Academic integrity for students</a> course.</li></ul>
<b>Examination (IA2 — Unit 3)</b> <b>Examination (IA3 — Unit 4)</b> 	<ul style="list-style-type: none"><li>• Review the sample examinations on the Assessment tab on the <a href="#">General Mathematics subject page</a>.</li><li>• Review the Internal assessment 2 (IA2) section of the subject report that can be found on the Teaching tab on the <a href="#">General Mathematics subject page</a>. Focus on the effective practices samples.</li><li>• Review the Internal assessment 3 (IA3) section of the subject report that can be found on the Teaching tab on the <a href="#">General Mathematics subject page</a>. Focus on the effective practices samples.</li><li>• Use resources to support understanding of the subject matter<ul style="list-style-type: none"><li>– Department of Education learning @ home, Senior schooling <a href="https://education.qld.gov.au/curriculum/learning-at-home/senior-schooling">https://education.qld.gov.au/curriculum/learning-at-home/senior-schooling</a></li><li>– Learn mathematics with Eddie Woo, Year 11–12 (QLD) — General Mathematics 12 (2019 Edition) <a href="https://wootube.mathspace.co/?id=Year%2011%20-%2012%20(QLD)-188">https://wootube.mathspace.co/?id=Year%2011%20-%2012%20(QLD)-188</a></li><li>– Maths videos Australia, QLD General Mathematics <a href="https://mathsvideosaustralia.com/qld/qld-general-mathematics">https://mathsvideosaustralia.com/qld/qld-general-mathematics</a></li><li>– Khan Academy <a href="http://www.khanacademy.org">www.khanacademy.org</a></li><li>– Maths is fun <a href="http://www.mathsisfun.com">www.mathsisfun.com</a></li><li>– GeoGebra <a href="http://www.geogebra.org">www.geogebra.org</a>.</li></ul></li></ul>
<b>External assessment (EA)</b> 	<ul style="list-style-type: none"><li>• Review and practise past papers and the sample external assessment that can be found on the Assessment tab on the <a href="#">General Mathematics subject page</a>.</li><li>• Review the External assessment section of the subject report that can be found on the Teaching tab on the <a href="#">General Mathematics subject page</a>. Focus on<ul style="list-style-type: none"><li>– examples of effective student responses and practices</li><li>– practices to strengthen, including recommendations to consider when preparing for external assessment.</li></ul></li></ul>

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