



2024 Queensland Parliament in Minecraft Competition – Curriculum Alignment

Junior Competition Section: Years 4 to 8

Mathematics (v 8.4)

Level	Learning Area	Content Description/s
Year 4	Maths – Measurement and Geometry	<ul style="list-style-type: none"> • Compare objects using familiar metric units of area and volume (ACMMG290) • Use simple scales, legends and directions to interpret information contained in basic maps (ACMMG090) • Create symmetrical patterns, pictures and shapes with and without digital technologies (ACMMG091)
Year 5	Maths – Measurement and Geometry	<ul style="list-style-type: none"> • Choose appropriate units of measurement for length, area, volume, capacity and mass (ACMMG108) • Connect three-dimensional objects with their nets and other two-dimensional representations (ACMMG111) • Describe translations, reflections and rotations of two-dimensional shapes. Identify line and rotational symmetries (ACMMG114)
Year 6	Maths – Measurement and Geometry	<ul style="list-style-type: none"> • Convert between common metric units of length, mass and capacity (ACMMG136) • Solve problems involving the comparison of lengths and areas using appropriate units (ACMMG137) • Investigate combinations of translations, reflections and rotations, with and without the use of digital technologies (ACMMG142) • Investigate combinations of translations, reflections and rotations, with and without the use of digital technologies (ACMMG142)
Year 7	Maths – Measurement and Geometry	<ul style="list-style-type: none"> • Describe translations, reflections in an axis and rotations of multiples of 90° on the Cartesian plane using coordinates. Identify line and rotational symmetries (ACMMG181)



Year 8	Maths – Measurement and Geometry	<ul style="list-style-type: none"> Define congruence of plane shapes using transformations (ACMMG200) Establish properties of quadrilaterals using congruent triangles and angle properties, and solve related numerical problems using reasoning (ACMMG202)
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HASS (v 8.4)

Level	Learning Area	Content Description/s
Year 5	HASS: Civics and Citizenship	<ul style="list-style-type: none"> The key values that underpin Australia’s democracy (ACHASSK115)
Year 6	HASS: Civics and Citizenship	<ul style="list-style-type: none"> Key figures, events and ideas that led to Australia’s Federation and Constitution (ACHASSK134) The key institutions of Australia’s democratic system of government and how it is based on the Westminster system (ACHASSK143)
Year 7	HASS: Civics and Citizenship	<ul style="list-style-type: none"> The key features of government under the Australian Constitution with a focus on: the separation of powers, the roles of the Executive, the houses of parliament and the division of powers (ACHASSK193)
Year 8	Civics and Citizenship	<ul style="list-style-type: none"> How laws are made in Australia through parliaments (statutory law) and through the courts (common law) (ACHCK063)

General Capabilities (v 8.4)

Capability	Organising Elements
Numeracy	<ul style="list-style-type: none"> Estimating and calculating with whole numbers Recognising and using patterns and relationships Using spatial reasoning Using measurement
Information and Communication Technology	<ul style="list-style-type: none"> Applying social and ethical protocols and practices when using ICT Creating with ICT Communicating with ICT Managing and operating ICT
Critical and Creative Thinking	<ul style="list-style-type: none"> Inquiring – identifying, exploring and organising information and ideas Generating ideas, possibilities and actions Reflecting on thinking and processes Analysing, synthesising and evaluating reasoning and procedures



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Senior Competition Section: Years 9 to 12

Mathematics (v 8.4)

Level	Learning Area	Content Description/s
Year 9	Maths – Measurement and Geometry	<ul style="list-style-type: none"> Use the enlargement transformation to explain similarity and develop the conditions for triangles to be similar (ACMMG220) Solve problems using ratio and scale factors in similar figures (ACMMG221)
Senior Secondary	Essential Mathematics Unit 2: Topic 3	<ul style="list-style-type: none"> Ratios: use ratio to describe simple scales. (ACMEM070) Distance: use scales to find distances, such as on maps; for example, road maps, street maps, bushwalking maps, online maps and cadastral maps (ACMEM083)
Senior Secondary	Essential Mathematics Unit 3: Topic 2	<ul style="list-style-type: none"> Scales, Plans and Models: interpret commonly used symbols and abbreviations in scale drawings (ACMEM108) Interpret scale drawings: find actual measurements from scale drawings, such as lengths, perimeters and areas (ACMEM109) Interpret scale drawings: understand and apply drawing conventions of scale drawings, such as scales in ratio, clear indications of dimensions, and clear labelling (ACMEM111)
Senior Secondary	General Mathematics Unit 1: Topic 3	<ul style="list-style-type: none"> Similar figures and scale factors: use the scale factor for two similar figures to solve linear scaling problems (ACMGM022) Similar figures and scale factors: obtain measurements from scale drawings, such as maps or building plans, to solve problems (ACMGM023)

Civics and Citizenship (v 8.4)

Level	Learning Area Strand	Content Description/s
Year 9	Government and Democracy	<ul style="list-style-type: none"> The role of political parties and independent representatives in Australia's system of government, including the formation of governments (ACHCK075) The process through which government policy is shaped and developed, including the role of Prime Minister and Cabinet (ACHCK103)



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Legal Studies (2019)

Level	Learning Area	Content
Senior Secondary	Unit 1: Beyond reasonable doubt	<ul style="list-style-type: none">• sources of law in the Australian legal system• separation of powers doctrine in the Australian legal system• the process of statutory law-making, and the role of states, territories and the Australian Government
	Unit 3 Topic 1: Law, governance and change	<ul style="list-style-type: none">• division of powers• the structure and function of the three levels of government in Australia• concepts of representative and responsible government• implications of the unicameral parliament in Queensland• function of parliament as a law-making body and describe the legislative process• e the strengths and weaknesses of parliament as a law-making body



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