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|  |  Curriculum connections: Mathematics |

This resource identifies curriculum connections between Prep and prior learning in Kindergarten.

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| Learning in the Preparatory Year | Learning in Kindergarten |
| Foundation Year Australian Curriculum: Mathematics (v 7.5)(strands and sub-strands) | *Queensland kindergarten learning guideline (QKLG)*: *Communicating*  |
| Australian Curriculum: Mathematics provides students with essential mathematical skills and knowledge in Number and Algebra, Measurement and Geometry, and Statistics and Probability. | * The *QKLG* learning and development areas describe the breadth of knowledge, skills and dispositions that children explore during the kindergarten year.
* *QKLG: Communicating* provides opportunities for children to explore numeracy in meaningful ways and for real purposes.
* Kindergarten teachers provide opportunities for children to explore and expand their prior learning provided by families as their child’s first teacher.
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| Number and Algebra * Number and place value
* Patterns and algebra
 | Exploring number symbols and their purposes* Exploring numbers in their environment and the meanings they carry
* Awareness of numeracy connected to their family and community practices, cultures and heritages
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| Measurement and Geometry* Using units of measurement
* Shape
* Location and transformation
 | Confidence and interest in counting and exploring patterns and relationships* Counting and recording numbers for play and real purposes
* Skills for identifying and comparing the number of objects in small collections
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| Statistics and Probability* Data representation and interpretation
 | Exploring mathematical thinking, concepts and language* Exploring mathematical thinking and problem solving in daily situations
* Concepts and specific language for exploring properties of shapes, patterns, position and direction, time and order of events and money
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