Unit BLMs – Year 6+
Australian Curriculum Summary Sheet

BLM	AC Content Strand/Sub-strand/Content Description/Code
BLM 1 '1–100 Cards'	**Number and Algebra** *Number and place value* Investigate index notation and represent whole numbers as products of powers of prime numbers (ACMNA149) (AC) **Number and Algebra** *Number and place value* Investigate and use square roots of perfect square numbers (ACMNA150) (AC)
BLM 2 '100 Chart'	**Number and Algebra** *Number and place value* Investigate index notation and represent whole numbers as products of powers of prime numbers (ACMNA149) (AC) **Number and Algebra** *Number and place value* Investigate and use square roots of perfect square numbers (ACMNA150) (AC)
BLM 3 'Matching Activity'	**Number and Algebra** *Number and place value* Apply the associative, commutative and distributive laws to aid mental and written computation (ACMNA151) (AC)
BLM 4 '1 cm Grid Paper'	**Number and Algebra** *Number and place value* Apply the associative, commutative and distributive laws to aid mental and written computation (ACMNA151) (AC) **Measurement and Geometry** *Using units of measurement* Establish the formulas for areas of rectangles, triangles and parallelograms and use these in problem solving (ACMMG159) (AC) **Measurement and Geometry** *Using units of measurement* Calculate volumes of rectangular prisms (ACMMG160) (AC)
BLM 5 'Fraction Cards'	**Number and Algebra** *Real numbers* Compare fractions using equivalence. Locate and represent positive and negative fractions and mixed numbers on a number line (ACMNA152) (AC) **Number and Algebra** *Real numbers* Solve problems involving addition and subtraction of fractions, including those with unrelated denominators (ACMNA153) (AC) **Number and Algebra** *Real numbers* Multiply and divide fractions and decimals using efficient written strategies and digital technologies (ACMNA154) (AC) **Number and Algebra** *Real numbers* Express one quantity as a fraction of another, with and without the use of digital technologies (ACMNA155) (AC)

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BLM 6 'Adding and Subtracting Fractions: Word Problems'	**Number and Algebra** *Real numbers* Compare fractions using equivalence. Locate and represent positive and negative fractions and mixed numbers on a number line (ACMNA152) **AC** **Number and Algebra** *Real numbers* Solve problems involving addition and subtraction of fractions, including those with unrelated denominators (ACMNA153) **AC** **Number and Algebra** *Real numbers* Multiply and divide fractions and decimals using efficient written strategies and digital technologies (ACMNA154) **AC** **Number and Algebra** *Real numbers* Express one quantity as a fraction of another, with and without the use of digital technologies (ACMNA155) **AC**
BLM 7 'Fraction Game'	**Number and Algebra** *Real numbers* Compare fractions using equivalence. Locate and represent positive and negative fractions and mixed numbers on a number line (ACMNA152) **AC** **Number and Algebra** *Real numbers* Solve problems involving addition and subtraction of fractions, including those with unrelated denominators (ACMNA153) **AC** **Number and Algebra** *Real numbers* Multiply and divide fractions and decimals using efficient written strategies and digital technologies (ACMNA154) **AC** **Number and Algebra** *Real numbers* Express one quantity as a fraction of another, with and without the use of digital technologies (ACMNA155) **AC**
BLM 8 'Decimal Grids: Tenths'	**Number and Algebra** *Real numbers* Connect fractions, decimals and percentages and carry out simple conversions (ACMNA157) **AC**
BLM 9 'Decimal Grids: Hundredths'	**Number and Algebra** *Real numbers* Connect fractions, decimals and percentages and carry out simple conversions (ACMNA157) **AC**
BLM 10 'Rectangular Prism Net'	**Measurement and Geometry** *Shape* Draw different views of prisms and solids formed from combinations of prisms (ACMMG161) **AC**
BLM 11 'Cube Net'	**Measurement and Geometry** *Shape* Draw different views of prisms and solids formed from combinations of prisms (ACMMG161) **AC**
BLM 12 'Square-Based Pyramid Net'	**Measurement and Geometry** *Shape* Draw different views of prisms and solids formed from combinations of prisms (ACMMG161) **AC**
BLM 13 'Triangular-Based Pyramid Net'	**Measurement and Geometry** *Shape* Draw different views of prisms and solids formed from combinations of prisms (ACMMG161) **AC**

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BLM 14 'Isometric Dot Paper'	**Measurement and Geometry** *Location and transformation* Describe translations, reflections in an axis, and rotations of multiples of 90° on the Cartesian plane using coordinates. Identify line and rotational symmetries (ACMMG181) **AC**
BLM 15 'Cartesian Plane'	**Measurement and Geometry** *Location and transformation* Describe translations, reflections in an axis, and rotations of multiples of 90° on the Cartesian plane using coordinates. Identify line and rotational symmetries (ACMMG181) **AC** **Number and Algebra** *Linear and non-linear relationships* Given coordinates, plot points on the Cartesian plane, and find coordinates for a given point (ACMNA178) **AC** **Number and Algebra** *Linear and non-linear relationships* Solve simple linear equations (ACMNA179) **AC**
BLM 16 'Large Circles'	**Statistics and Probability** *Chance* Construct sample spaces for single-step experiments with equally likely outcomes (ACMSP167) **AC** **Statistics and Probability** *Chance* Assign probabilities to the outcomes of events and determine probabilities for events (ACMSP168) **AC**
BLM 17 'Investigating Angles 1'	**Measurement and Geometry** *Geometric reasoning* Identify corresponding, alternate and co-interior angles when two straight lines are crossed by a transversal (ACMMG163) **AC** **Measurement and Geometry** *Geometric reasoning* Investigate conditions for two lines to be parallel and solve simple numerical problems using reasoning (ACMMG164) **AC**
BLM 18 'Investigating Angles 2'	**Measurement and Geometry** *Geometric reasoning* Identify corresponding, alternate and co-interior angles when two straight lines are crossed by a transversal (ACMMG163) **AC** **Measurement and Geometry** *Geometric reasoning* Investigate conditions for two lines to be parallel and solve simple numerical problems using reasoning (ACMMG164) **AC**
BLM 19 'Investigating Angles 3'	**Measurement and Geometry** *Geometric reasoning* Identify corresponding, alternate and co-interior angles when two straight lines are crossed by a transversal (ACMMG163) **AC** **Measurement and Geometry** *Geometric reasoning* Investigate conditions for two lines to be parallel and solve simple numerical problems using reasoning (ACMMG164) **AC**
BLM 20 'Graphs'	**Statistics and Probability** *Data representation and interpretation* Calculate mean, median, mode and range for sets of data. Interpret these statistics in the context of data (ACMSP171) **AC** **Statistics and Probability** *Data representation and interpretation* Describe and interpret data displays using median, mean and range (ACMSP172) **AC**