1st Class *Maths and Me* Progression Continua Overview

This document outlines the Learning Experiences for each of the Strand Units for progression milestone (e), and where they are covered in *Maths and Me*.

Algebra > Patterns, Rules and Relationships

Learning Experiences in Progression Continua (e)	*Maths and Me* 1st Class
Explores patterns and numerical relationships in addition and subtraction facts up to at least 10. (U&C)	**Unit 2** Addition and Subtraction 1, Many lessons
Recognises odd and even number patterns in a hundred square. (U&C)	**Unit 11** Patterns, Many lessons
Begins to explore the commutative property (swapping the order of the numbers being added and still getting the same total) of addition. (U&C)	**Unit 2** Addition and Subtraction 1, Lesson 2 **Unit 8** Addition and Subtraction 2, Many lessons **Unit 12** Addition and Subtraction 3, Many lessons
Describes the structure of growing and shrinking pattern. (C)	**Unit 11** Patterns, Lesson 3, 4
Explains and argues the commutative property of addition facts (swapping the order of the numbers being added and still getting the same total). (C)	**Unit 2** Addition and Subtraction 1, Lesson 2 **Unit 8** Addition and Subtraction 2, Lesson 5 **Unit 12** Addition and Subtraction 3, Many lessons
Records the quantitative information provided in a story or problem in pictorial or graphical form. (C)	**Unit 8** Addition and Subtraction 2, Many lessons **Unit 12** Addition and Subtraction 3, Many lessons **Unit 18** Number Sentences, Lesson 1, 2 **Unit 19** Addition and Subtraction 4, Many lessons
Compares alternative perspectives on patterns. (R)	**Unit 11** Patterns, Lesson 2
Demonstrates the commutative property of addition with proof(s) (For example: drawing a diagram or using concrete materials). (R)	**Unit 2** Addition and Subtraction 1, Many lessons **Unit 8** Addition and Subtraction 2, Lesson 4 **Unit 12** Addition and Subtraction 3, Many lessons
Describes or shows why a rule describes a pattern. (R)	**Unit 11** Patterns, Lesson 2
Represents situations that involve the addition and subtraction of whole numbers, using objects, pictures and symbols. (A&PS)	**Unit 2** Addition and Subtraction 1, Many lessons **Unit 8** Addition and Subtraction 2, Many lessons **Unit 12** Addition and Subtraction 3, Many lessons **Unit 18** Number Sentences, Lesson 1, 2 **Unit 19** Addition and Subtraction 4, Many lessons

Algebra > Expressions and Equations

Learning Experiences in Progression Continua (e)	*Maths and Me* 1st Class
Uses symbols for equals to, not equals to, less than and greater than, as relational symbols. (U&C)	**Unit 2** Addition and Subtraction 1, Many lessons **Unit 7** Numbers to 100, Lesson 5 **Unit 12** Addition and Subtraction 3, Many lessons **Unit 15** Money, Lesson 4, 5 **Unit 18** Number Sentences, Many lessons **Unit 19** Addition and Subtraction 4, Many lessons
Uses number facts and/or simple computation to find the missing value in a number sentence. (U&C)	**Unit 18** Number Sentences, Many lessons
Translates verbal one-step problems into written addition or subtraction number sentences or expressions [and vice versa]. (C)	**Unit 2** Addition and Subtraction 1, Many lessons **Unit 8** Addition and Subtraction 2, Many lessons **Unit 12** Addition and Subtraction 3, Many lessons **Unit 18** Number Sentences, Many lessons **Unit 19** Addition and Subtraction 4, Many lessons
Selects appropriate operational or relational symbols to make an expression true. (R)	**Unit 2** Addition and Subtraction 1, Many lessons **Unit 7** Numbers to 100, Many lessons **Unit 8** Addition and Subtraction 2, Many lessons **Unit 12** Addition and Subtraction 3, Many lessons **Unit 15** Money, Lesson 4, 5 **Unit 18** Number Sentences, Many lessons **Unit 19** Addition and Subtraction 4, Many lessons
Recognises the function of operational symbols [+, -] and relational symbols [=, >, <, ≠] and how this function remains the same in all contexts. (R)	**Unit 2** Addition and Subtraction 1, Many lessons **Unit 7** Numbers to 100, Many lessons **Unit 8** Addition and Subtraction 2, Many lessons **Unit 12** Addition and Subtraction 3, Many lessons **Unit 18** Number Sentences, Lesson 1, 2 **Unit 19** Addition and Subtraction 4, Many lessons
Tells the story of simple number sentences or expressions, verbally or using appropriate models (For example: diagrams or concrete materials). (A&PS)	**Unit 2** Addition and Subtraction 1, Many lessons **Unit 8** Addition and Subtraction 2, Many lessons **Unit 12** Addition and Subtraction 3, Many lessons **Unit 18** Number Sentences, Lesson 1, 2 **Unit 19** Addition and Subtraction 4, Many lessons

Data and Chance > Data

Learning Experiences in Progression Continua (e)	*Maths and Me* 1st Class
Explores and recognises different ways of collecting and representing data. (U&C)	**Unit 4** Data 1, Many lessons **Unit 16** Data 2, Many lessons
Uses simple tallying for recording of data. (U&C)	**Unit 4** Data 1, Lesson 1
Recognises that data symbols hold and/or represent information or numerical value. (U&C)	**Unit 4** Data 1, Lesson 3, 4 **Unit 16** Data 2, Many lessons
Reads, interprets, poses questions about and discusses data displays such as concrete and visual charts (For example: pictograms) and graphs (For example: block graphs). (C)	**Unit 4** Data 1, Lesson 2, 3, 4 **Unit 16** Data 2, Many lessons
Differentiates information as useful or surplus to address questions of interest. (R)	**Unit 16** Data 2, Lesson 1
Listens to others' interpretations of data investigations and compare with own interpretations. (R)	**Unit 4** Data 1, Many lessons **Unit 16** Data 2, Many lessons
Selects and applies appropriate methods of collecting, recording and representing data in different problem-solving scenarios. (A&PS)	**Unit 16** Data 2, Many lessons

Measures > Measuring

Learning Experiences in Progression Continua (e)	*Maths and Me* 1st Class
Identifies commonalities and differences between measurable attributes and recognises the need for standard units of measurement. (U&C)	**Unit 10** Measuring 1, Lesson 3 **Unit 13** Measuring 2, Lesson 3, 6 **Unit 17** Measuring 3, Many lessons
Identifies the appropriate measurement instruments and units for a given situation. (U&C)	**Unit 10** Measuring 1, Lesson 2 **Unit 13** Measuring 2, Lesson 2, 5 **Unit 17** Measuring 3, Lesson 2
Recognises that units of measurement can simplify communication about measurement. (C)	**Unit 10** Measuring 1, Lesson 3 **Unit 13** Measuring 2, Lesson 3, 6 **Unit 17** Measuring 3, Lesson 3
Collects and records measurement data in systematic ways (For example – by using lists, tables etc.) and compares results. (C)	**Unit 10** Measuring 1, Lesson 2 **Unit 13** Measuring 2, Lesson 2, 5 **Unit 17** Measuring 3, Lesson 2
Explains and justifies the necessity of selecting the same unit when comparing two things. (R)	**Unit 10** Measuring 1, Many lessons **Unit 13** Measuring 2, Many lessons

	Unit 17 Measuring 3, Lesson 3
Assesses reasonableness of estimations and measurements with reference to previous measurements and personal benchmarks. (R)	**Unit 10** Measuring 1, Many lessons **Unit 13** Measuring 2, Many lessons **Unit 17** Measuring 3, Many lessons
Identifies the appropriate attribute to measure for a given problem situation. (A&PS)	**Unit 13** Measuring 2, Lesson 7 **Unit 17** Measuring 3, Lesson 4
Selects and uses appropriate procedures, measures and equipment to measure attributes of length, weight, capacity and area. (A&PS)	**Unit 10** Measuring 1, Many lessons **Unit 13** Measuring 2, Lesson 7 and many lessons **Unit 17** Measuring 3, Lesson 4

Measures > Time

Learning Experiences in Progression Continua (e)	*Maths and Me* 1st Class
Recognises time in hours and half hours on analogue clocks. (U&C)	**Unit 5** Time 1, Lesson 5, 6 **Unit 14** Time 2, Many lessons
Recognises and identifies the time of significant daily events represented on analogue clocks. (U&C)	**Unit 14** Time 2, Lesson 1
Explores the functionality of the calendar and identify dates. (U&C)	**Unit 5** Time 1, Lesson 4
Communicates the sequence of events, days of the week, months of the year and seasons. (For example – 24 hours in a day, 7 days in a week, number of days in the month). (C)	**Unit 5** Time 1, Lesson 2, 3 **Unit 14** Time 2, Lesson 2
Reads and records time in one-hour and half hour intervals on analogue clocks. (C)	**Unit 5** Time 1, Lesson 5, 6
Makes approximations of the present time or the time shown on analogue clocks using appropriate language. (C)	**Unit 5** Time 1, Lesson 7
Becomes familiar with the movements of analogue clock hands in a clockwise direction. (R)	**Unit 5** Time 1, Many lessons **Unit 14** Time 2, Many lessons
Establishes and makes reasonable estimations of time. (R)	**Unit 5** Time 1, Lesson 2, 7
Investigates the fractional representation of time on an analogue clock. (R)	**Unit 5** Time 1, Lesson 6

Records time passing using a variety of devices and methods. (A&PS)	**Unit 5** Time 1, Many lessons **Unit 14** Time 2, Many lessons
Predicts and models how the face of an analogue clock will change over a specified time. (A&PS)	**Unit 14** Time 2, Many lessons
Uses language of approximation to relate events which occur naturally throughout the day to various units of time. (A&PS)	**Unit 14** Time 2, Lesson 2

Measures > Money

Learning Experiences in Progression Continua (e)	*Maths and Me* 1st Class
Recognises the relative value of coins, up to the value of at least €1. (U&C)	**Unit 15** Money, Many lessons
Determines what can be bought for certain sums of money. (U&C)	**Unit 15** Money, Many lessons
Explores a variety of ways to record calculations. (C)	**Unit 15** Money, Many lessons
Uses the euro [€] and cent [c] symbol to represent money. (C)	**Unit 15** Money, Lesson 2 and many lessons
Analyses different ways of combining coins/amounts to make particular sums. (R)	**Unit 15** Money, Many lessons
Estimates values of undetermined amounts of money. (R)	**Unit 15** Money, Many lessons
Exchanges money for goods / items in real-life or role play contexts. (A&PS)	**Unit 15** Money, Lesson 7

Number > Numeration and Counting

Learning Experiences in Progression Continua (e)	*Maths and Me* 1st Class
Counts to at least 100, counting fluently across decades. (U&C)	**Unit 1** Numbers to 30, Lesson 1, 2 **Unit 7** Numbers to 100, Lesson 1
Skip counts multiples of twos, fives and tens from a given multiple using verbal, concrete and pictorial supports. (U&C)	**Unit 1** Numbers to 30, Lesson 2 **Unit 7** Numbers to 100, Lesson 2
Counts forwards and backwards in tens from any given number using verbal, concrete and pictorial supports. (U&C)	**Unit 7** Numbers to 100, Lesson 2
Explores a range of approaches to support calculation strategies (For example: doubles, near doubles add one). (U&C)	**Unit 2** Addition and Subtraction 1, Many lessons **Unit 8** Addition and Subtraction 2, Many lessons **Unit 12** Addition and Subtraction 3, Many lessons **Unit 19** Addition and Subtraction 4, Many lessons
Explains and justifies choices of counting and calculation strategies used and compares with the choices of others. (C)	**Unit 1** Numbers to 30, Many lessons **Unit 2** Addition and Subtraction 1, Many lessons **Unit 7** Numbers to 100, Lesson 1, 2 **Unit 8** Addition and Subtraction 2, Many lessons **Unit 12** Addition and Subtraction 3, Many lessons **Unit 15** Money, Lesson 2 **Unit 18** Number Sentences, Many lessons **Unit 19** Addition and Subtraction 4, Many lessons
Uses knowledge of simple fact groups [doubles, bonds of 5 and 10, adding 10] to develop further calculation strategies (For example: near doubling, bridging through 5 and 10, add 1, add 0, compensation). (R)	**Unit 2** Addition and Subtraction 1, Many lessons **Unit 8** Addition and Subtraction 2, Many lessons **Unit 12** Addition and Subtraction 3 Many lessons
Checks the reasonableness of calculations by comparing the final solution with the estimate. (R)	**Unit 8** Addition and Subtraction 2, Many lessons **Unit 12** Addition and Subtraction 3, Many lessons **Unit 15** Money, Lesson 2 **Unit 18** Number Sentences, Lesson 1, 2 **Unit 19** Addition and Subtraction 4, Many lessons
Selects and uses a range of mental strategies to solve problems. (For example: change the numbers in the problem or reword the problem). (A&PS)	**Unit 2** Addition and Subtraction 1, Many lessons **Unit 7** Numbers to 100, Many lessons **Unit 12** Addition and Subtraction 3, Many lessons **Unit 18** Number Sentences, Many lessons
Uses skip counting to extend number patterns. (A&PS)	**Unit 1** Numbers to 30, Lesson 3 **Unit 7** Numbers to 100, Lesson 2

Number > Place Value and Base Ten

Learning Experiences in Progression Continua (e)	*Maths and Me* 1st Class
Composes and decomposes the structure of 2-digit whole numbers up to at least 99. (U&C)	**Unit 1** Numbers to 30, Lesson 5 and many lessons **Unit 7** Numbers to 100, Lesson 4 **Unit 12** Addition and Subtraction 3, Many lessons **Unit 19** Addition and Subtraction 4, Many lessons
Compares two 2-digit numbers and represents the relationship between these numbers using symbols and language (For example: <, >, and =). (U&C)	**Unit 1** Numbers to 30, Lesson 6 **Unit 7** Numbers to 100, Lesson 5
Demonstrates an ability to estimate various arrangements or models of numbers to 99. (U&C)	**Unit 1** Numbers to 30, Many lessons **Unit 7** Numbers to 100, Lesson 4
Identifies place value in 2-digit whole numbers up to at least 99, including zero as a placeholder. (U&C)	**Unit 1** Numbers to 30, Lesson 5 and many lessons **Unit 8** Addition and Subtraction 2, Many lessons **Unit 12** Addition and Subtraction 3, Many lessons **Unit 19** Addition and Subtraction 4, Many lessons
Models 2-digit numbers in terms of tens and ones. (C)	**Unit 1** Numbers to 30, Many lessons **Unit 2** Addition and Subtraction 1, Many lessons **Unit 7** Numbers to 100, Lesson 3, 4 and many lessons **Unit 8** Addition and Subtraction 2, Many lessons **Unit 12** Addition and Subtraction 3, Many lessons **Unit 19** Addition and Subtraction 4, Many lessons
Describes 2-digit numbers in terms of tens and ones. (C)	**Unit 1** Numbers to 30, Many lessons **Unit 2** Addition and Subtraction 1, Many lessons **Unit 7** Numbers to 100, Lesson 4 and many lessons **Unit 8** Addition and Subtraction 2, Many lessons **Unit 12** Addition and Subtraction 3, Many lessons **Unit 19** Addition and Subtraction 4, Many lessons
Investigates the efficiency of different estimation strategies, including rounding numbers to the nearest ten. (R)	**Unit 7** Numbers to 100, Lesson 6
Orders 2-digit numbers (For example: from least to most, most to least). (R)	**Unit 1** Numbers to 30, Lesson 6 and many lessons **Unit 7** Numbers to 100, Lesson 5
Estimates the number of objects in a set from 0-20**.** (R)	**Unit 1** Numbers to 30, Many lessons **Unit 7** Numbers to 100, Many lessons
Explores a range of tasks including games, puzzles and real-life contexts involving 2-digit numbers. (A&PS)	**Unit 1** Numbers to 30, Many lessons **Unit 7** Numbers to 100, Lesson 7 and many lessons **Unit 8** Addition and Subtraction 2, Many lessons **Unit 12** Addition and Subtraction 3, Many lessons **Unit 19** Addition and Subtraction 4, Many lessons

Number > Sets and Operations

Learning Experiences in Progression Continua (e)	*Maths and Me* 1st Class
Combines and partitions sets of objects up to at least 20. (U&C)	**Unit 2** Addition and Subtraction 1, Many lessons **Unit 8** Addition and Subtraction 2, Many lessons **Unit 12** Addition and Subtraction 3, Many lessons **Unit 19** Addition and Subtraction 4, Many lessons
Explores and uses the zero property when performing calculations. (U&C)	**Unit 2** Addition and Subtraction 1, Many lessons **Unit 8** Addition and Subtraction 2, Many lessons **Unit 12** Addition and Subtraction 3, Many lessons **Unit 19** Addition and Subtraction 4, Many lessons
Adds within 100, including 2-digit + 1-digit and 2-digit + 2-digit. (U&C)	**Unit 8** Addition and Subtraction 2, Lesson 6, 7 **Unit 12** Addition and Subtraction 3, Many lessons **Unit 18** Number Sentences, Many lessons
Subtracts numbers within 99, with and without renaming. (U&C)	**Unit 2**, Addition and Subtraction 1, Lesson 5, 6 **Unit 8** Addition and Subtraction 2, Many lessons **Unit 12** Addition and Subtraction 3, Many lessons **Unit 18** Number Sentences, Many lessons **Unit 19** Addition and Subtraction 4, Many lessons
Fluently recalls addition and subtraction facts [bonds] to at least 10. (C)	**Unit 2** Addition and Subtraction 1, Many lessons
Uses symbols +, -, = to convey addition and subtraction facts. (C)	**Unit 2** Addition and Subtraction 1, Many lessons **Unit 8** Addition and Subtraction 2, Many lessons **Unit 12** Addition and Subtraction 3, Many lessons **Unit 15** Money, Many lessons **Unit 18** Number Sentences, Many lessons **Unit 19** Addition and Subtraction 4, Many lessons
Records equivalent and non-equivalent sets 0-20 using <, > and =. (C)	**Unit 1** Numbers to 30, Lesson 6 **Unit 7** Numbers to 100, Lesson 5
Justifies and explains the commutative property in relation to addition facts (For example – 3+4=4+3). (R)	**Unit 2** Addition and Subtraction 1, Many lessons **Unit 8** Addition and Subtraction 2, Many lessons **Unit 12** Addition and Subtraction 3, Many lessons
Estimates totals and differences within 99. (R)	**Unit 2** Addition and Subtraction 1, Many lessons **Unit 8** Addition and Subtraction 2, Many lessons **Unit 12** Addition and Subtraction 3, Many lessons **Unit 18** Number Sentences, Many lessons **Unit 19** Addition and Subtraction 4, Many lessons
Uses number sense to identify unreasonable and reasonable answers. (R)	**Unit 2** Addition and Subtraction 1, Many lessons **Unit 8** Addition and Subtraction 2, Many lessons **Unit 12**, Addition and Subtraction 3, Many lessons **Unit 18** Number Sentences, Many lessons **Unit 19** Addition and Subtraction 4, Many lessons

Justifies the selection and use of operations [addition and subtraction] in a variety of contexts. (R)	**Unit 2,** Addition and Subtraction 1, Many lessons **Unit 8** Addition and Subtraction 2, Many lessons **Unit 12** Addition and Subtraction 3, Many lessons **Unit 18** Number Sentences, Many lessons **Unit 19** Addition and Subtraction 4, Many lessons
Selects and shares mental strategies for addition and subtraction facts within 20. (A&PS)	**Unit 2** Addition and Subtraction 1, Many lessons **Unit 8** Addition and Subtraction 2, Many lessons **Unit 12** Addition and Subtraction 3, Many lessons **Unit 18** Number Sentences, Many lessons **Unit 19** Addition and Subtraction 4, Many lessons
Constructs number sentences and number stories to solve problems involving addition and subtraction within 99. (A&PS)	**Unit 2** Addition and Subtraction 1, Many lessons **Unit 8** Addition and Subtraction 2, Many lessons **Unit 12** Addition and Subtraction 3, Many lessons **Unit 18** Number Sentences, Many lessons **Unit 19** Addition and Subtraction 4, Many lessons
Solve tasks involving missing addends. (For example: 3 + = 5 and 3 + 2 + 1 = 4 +). (A&PS)	**Unit 18** Number Sentences, Many lessons

Number > Fractions

Learning Experiences in Progression Continua (e)	*Maths and Me* 1st Class
Makes explicit connections between the parts that make up one whole. (U&C)	**Unit 3** Fractions, Lesson 1
Establishes and identifies half of sets up to at least 20. (U&C)	**Unit 3** Fractions, Lesson 5
Uses simple fraction names [halves and quarters] in real life situations. (U&C)	**Unit 3** Fractions, Many lessons
Represents and records understanding of quarters using manipulatives, pictorially or by using symbols. (U&C)	**Unit 3** Fractions, Lesson 3, 7
Explains unit fractions as one part of a whole. (U&C)	**Unit 3** Fractions, Many lessons
Partitions an array of objects, a line segment or a shape into four equal shares. (R)	**Unit 3** Fractions Lesson 3, 7
Demonstrates understanding that the greater the number of portions of a whole, the smaller the size of each equal share. (R)	**Unit 3** Fractions, Lesson 2
Explores and solves a range of everyday problems involving partitioning. (A&PS)	**Unit 3** Fractions, Many lessons

Investigates quarters of different geometric shapes. (A&PS)	**Unit 3** Fractions, Lesson 3

Shape and Space > Spatial Awareness and Location

Learning Experiences in Progression Continua (e)	*Maths and Me* 1st Class
Describes direction [to the right/left or clockwise/ anticlockwise] and amount of turn [whole, half, quarter and three-quarter turns]. (U&C)	**Unit 9** Location and Transformation, Many lessons
Associates the cardinal directions [North, South, East and West] with the appropriate directions in relation to the classroom and school environment. (U&C)	**Unit 9** Location and Transformation, Lesson 3
Records movement from one location to another using a simple map. (C)	**Unit 9** Location and Transformation, Lesson 3
Creates drawings or models of familiar locations, which attend to the relative size and position of key elements. (C)	**Unit 9** Location and Transformation, Lesson 3
Visualises the result of following a sequence of directions on a map or plan. (R)	**Unit 9** Location and Transformation, Lesson 3
Deduces and identifies where, in a series of steps, the wrong direction may have been taken. (R)	**Unit 9** Location and Transformation, Many lessons
Relates clockwise movements to the clock face. (R)	**Unit 9** Location and Transformation, Lesson 2 and many lessons
Recognises that some directions are relative to current position and orientation (For example: right/left; up/down; backward/ forward). (R)	**Unit 9** Location and Transformation, Lesson 1
Solves problems and plays games involving simple maps or grids. (A&PS)	**Unit 9** Location and Transformation, Lesson 1
Creates a set of simple instructions to direct movement for a given purpose. (A&PS)	**Unit 9** Location and Transformation, Lesson 1

Shape and Space > Shape

Learning Experiences in Progression Continua (e)	*Maths and Me* 1st Class
Compares properties [For example – faces, sides, corners, vertices] of shapes. (U&C)	**Unit 6** Shapes, Many lessons
Models 2-D and 3-D shapes using materials or through drawing. (U&C)	**Unit 6** Shapes, Many lessons
Analyses and discusses the results of shape sorting activities, using appropriate mathematical language. (C)	**Unit 6** Shapes, Many lessons
Describes the key differences and similarities of shapes according to their properties. (C)	**Unit 6** Shapes, Many lessons
Compares and contrasts shapes and shape families based on their properties. (R)	**Unit 6** Shapes, Many lessons
Sorts an increased range of shapes according to at least two properties. (R)	**Unit 6** Shapes, Many lessons
Deconstructs and reconstructs everyday items (For example using containers or packaging). (A&PS)	**Unit 6** Shapes, Lesson 8
Combines and partitions 2-D shapes (For example: using tangrams/ pattern blocks). (A&PS)	**Unit 6** Shapes, Lesson 5
Presents a wide range of purposes for the potential use of 2-D and 3-D shapes. (A&PS)	**Unit 6** Shapes, Many lessons
Sorts 2-D shapes according to whether they contain right angles or not. (A&PS)	**Unit 6** Shapes, Lesson 5

Shape and Space > Transformation

Learning Experiences in Progression Continua (e)	*Maths and Me* 1st Class
Recognises and identifies known shapes when repeated, rotated or reflected. (U&C)	**Unit 9** Location and Transformation, Lesson 5
Identifies shapes and combinations of shapes which tessellate in the environment. (U&C)	**Unit 9** Location and Transformation, Lesson 6
Understands and uses the terms reflect, rotate and translate to describe relevant shape movements. (C)	**Unit 9** Location and Transformation, Lesson 5
Selects appropriate materials/digital tools to draw and label shape movements. (C)	**Unit 9** Location and Transformation, Lesson 5
Makes predictions and explains in simple terms why some shapes tessellate (For example: referring to right angles or other familiar properties). (R)	**Unit 9** Location and Transformation, Lesson 6
Transforms shapes in various ways in meaningful contexts, including art (For example – printing and paper folding). (A&PS)	**Unit 9** Location and Transformation, Many lessons
Identifies lines of symmetry and reflected lines or shapes in images or illustrations. (A&PS)	**Unit 9** Location and Transformation, Lesson 4
Explores position and space with a range of polyominoes (Definition of polyominoes: shapes formed by joining one or more equal squares edge to edge). (A&PS)	**Unit 9** Location and Transformation, Lesson 5