



Northern Ireland Primary Curriculum Alignment

Mathletics and the Northern Ireland Primary Curriculum

This alignment document lists all Mathletics curriculum activities, eBooks and Live Mathletics levels associated with each Northern Ireland Primary course, and demonstrates how these fit within the statutory requirements for the Foundation Stage, KS1 and KS2.

As new activities are developed, this document will be updated. You can download the latest version from the training and support portal:

www.3plearning.com/training

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Using Mathematics across the curriculum

'Using Mathematics' is the skill of applying mathematical concepts, processes and understanding appropriately in a variety of contexts. Ideally these should be in relevant real life situations that require a mathematical dimension. Children are likely to acquire and consolidate their mathematical knowledge, concepts and skills within the Area of Learning for Mathematics and Numeracy. However, they should be given opportunities to transfer their understanding, as appropriate, to other contexts across the curriculum. Children can demonstrate their mathematical knowledge, understanding and skills in a variety of ways to communicate, manage information, think critically, solve problems and make decisions.

Foundation Stage

Children will acquire early mathematical concepts through activities that involve sorting, matching, comparing, classifying, and making patterns and sequences in a variety of contexts. These activities should involve children in playing, exploring and investigating, doing and observing, talking and listening, and asking and answering questions.

As the development of mathematical language is of fundamental importance, talking about work has a high priority in the early years. Through engaging in a wide variety of activities, children should understand mathematical language and then begin to use the language to talk about their work. Children should begin to develop their skills in mental mathematics during counting activities, by playing games and through daily classroom routines. They should begin to estimate and make simple predictions in all areas of mathematics. Teachers should observe children's development and use the information gathered to plan future learning experiences.

Mathematical activities should be presented through contexts that have a real meaning for children and provide opportunities for them to investigate their ideas. Children should have opportunities to develop their understanding through guided mathematical activities, including open-ended tasks, as well as activities in other Areas of Learning, their everyday routines and experiences of the classroom, their home and the world around them. They should develop much of their early mathematical understanding during play, where the activities provided offer opportunities for them to estimate size, weight, capacity, length and number, and also allows them to explore ideas related to number, shape, pattern, size, order, and relationships. They should have opportunities to identify and use numbers they meet in everyday life and in counting games, songs, rhymes and stories.

Mathletics provides a nurturing, secure and fun learning environment for children to embark on mathematics learning. Children explore Mathletics activities and games at their own pace, gaining recognition for their achievements as they progress. eBooks and reasoning activities provide the opportunity for children to develop excellent communication skills using mathematical language, applied to a variety of contexts.



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KS1 & KS2

Numeracy is the development and application of mathematics across the curriculum and in real life situations. Skills in numeracy should help children to make informed and responsible choices and decisions throughout their lives. Throughout primary school, children should engage in a wide range of purposeful activities which should involve them in different modes of mathematical learning, including playing, exploring and investigating, doing and observing, talking and listening, asking questions, reflecting, drafting, reading and recording.

Numeracy is a life skill used in making everyday decisions and in virtually every work context. We use skills in numeracy to plan our time, handle money, manage our own budgets, organise our homes and carry out DIY tasks. We are often confronted with data, frequently statistical, through television, radio and the press. Increasingly, adults are required to use numeracy skills in the workplace.

Mathematical ideas should be introduced to children in meaningful contexts. Teachers should create a well-resourced and stimulating environment where children learn through taking part in oral work and a wide range of practical activities, including games, to develop and consolidate their learning. Activities should be balanced between tasks which develop knowledge, skills and understanding, and those which develop the ability to apply mathematical learning and solve problems. Children should be encouraged to use their knowledge of mathematical language to talk about their work and explain their findings. Teachers should encourage children to persevere with tasks, so gaining confidence in what they can do and developing a positive attitude towards mathematics.

Mathletics supports children in becoming confident and capable mathematicians, providing a fun and engaging personalised learning environment where children can work at their own pace and are rewarded for progress.

Curriculum activities and Live Mathletics develop fluency in recalling and applying mathematical knowledge through practice with increasingly harder activities. The student support centre and features such as the concept search help to develop conceptual understanding through interactive explanations and walk-throughs.

Reasoning activities are provided through Mathletics curriculum activities and eBooks which encourage children to explore relationships and develop arguments and justifications.

Pupils develop problem-solving skills and demonstrate depth of mathematical knowledge through problem-solving activities and games in curriculum activities, eBooks and the 'Problem-solving Centre'.



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Curriculum Alignment Year 1

Expectation	Activities & Live Mathletics	eBooks
Understanding Number		
FSNuN1 Count a variety of objects.	Add and Subtract Model Addition Sorting How Many? How many dots? More, Less or the Same to 10 Model Addition Numbers to 10 Sort It	YR Numbers and Patterns: Numbers to 10, Ordinal numbers Y1 Numbers
FSNuN2 Develop an understanding of one-to-one correspondence and come to appreciate that the size of a set is given by the last number in the count.	Add and Subtract Model Addition Model Subtraction	YR Numbers and Patterns: Numbers to 10, Ordinal numbers Y1 Numbers
FSNuN3 Investigate different ways of making sets for a given number within 5/10.	Live Mathletics L1	YR Numbers and Patterns: Numbers to 10 Y1 Numbers
FSNuN4 Match numerals to sets.	Numbers to 10 Concept of zero How Many? Matching Numbers to 10 Order Numbers to 10	YR Numbers and Patterns: Numbers to 10, Ordinal numbers Y1 Numbers
FSNuN5 Order numerals and sets within 5/10.	Numbers to 10 Order Numbers to 10	YR Numbers and Patterns: Numbers to 10, Ordinal numbers Y1 Numbers
FSNuN6 Develop an understanding of conservation of number within 5/10.		YR Numbers and Patterns: Numbers to 10, Ordinal numbers Y1 Numbers
FSNuN7 Understand in counting activities that 'none' is represented by zero.	Numbers to 10 Concept of zero	YR Numbers and Patterns: Numbers to 10
FSNuN8 Explore ordinal number.		YR Numbers and Patterns: Ordinal Numbers
FSNuN9 Explore the number that comes after, before, between a given number.	Numbers to 10 More, Less or the Same to 10	YR Numbers and Patterns: Numbers to 10 Y1 Numbers
FSNuN10 Carry out simple mental calculations.		YR Numbers and Patterns: Numbers to 10 Y1 Numbers YR Operation with Number: Addition, Subtraction, Grouping and Sharing Y1 Operations with Number
FSNuN11 Extend, when appropriate, understanding of number beyond 10.		YR Numbers and Patterns: Numbers to 20, Numbers to 30 Y1 Numbers



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Curriculum Alignment Year 1

Expectation	Activities & Live Mathletics	eBooks
Counting and Number Recognition		
FSNuC1 Count in the context of number rhymes, jingles and stories.		
FSNuC2 Count forwards in ones within 5/10 from different starting points.	Numbers to 10 Count to 5	YR Numbers and Patterns: Numbers to 10, Ordinal numbers Y1 Numbers
FSNuC3 Count backwards in ones within 5/10 from different starting points.		YR Numbers and Patterns: Numbers to 10, Ordinal numbers Y1 Numbers
FSNuC4 Recognise numerals up to 5/10.	Numbers to 10 Count to 5 How many dots? Order Numbers to 10 Patterns and Relationships Simple Patterns	YR Numbers and Patterns: Numbers to 10, Ordinal numbers Y1 Numbers
FSNuC5 State, without counting, quantities within 5.	Numbers to 10 Dot display	
FSNuC6 Make a sensible guess of quantities within 10.	Numbers to 10 Dot display	
FSNuC7 Explore numbers relevant to their every day lives.		YR Numbers and Patterns: Number relationships Y1 Patterns and Relationships
FSNuC8 Extend, when appropriate, counting in ones and recognition of numbers beyond 10.		YR Numbers and Patterns: Numbers to 20, Numbers to 30 Y1 Numbers
FSNuC9 Extend activities to include counting in 2s, 5s and 10s.		Y1 Operations with Number
Understanding Money		
FSNuM1 Use money in various contexts.		YR Time, Money and Data: Money Y1 Time and Money
FSNuM2 Talk about things that they want to spend money on.		YR Time, Money and Data: Money Y1 Time and Money
FSNuM3 Understand the need to pay for goods.		YR Time, Money and Data: Money Y1 Time and Money
FSNuM4 Become familiar with coins in everyday use.		YR Time, Money and Data: Money Y1 Time and Money
FSNuM5 Talk about different ways we can pay for goods.		Y1 Time and Money
FSNuM6 Use their number skills in shopping activities.		YR Time, Money and Data: Money Y1 Time and Money



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Curriculum Alignment Year 1

Expectation	Activities & Live Mathletics	eBooks
Measures		
FSM1 Compare two objects of different length/weight/capacity/area; understand and use the language of comparison.	Measures Balancing Act Everyday Length Everyday Mass Measures More or Less? Sorting Which Holds More?	YR Measurement: Length, Mass, Volume and capacity Y1 Measurement
FSM2 Order three objects of different length, weight, capacity, area; talk about the ordering using appropriate language.		YR Measurement: Length, Mass, Volume and capacity Y1 Measurement
FSM3 Find an object of similar length, weight, capacity, area; talk about their findings in terms of 'just about the same' length, weight, capacity, area.		YR Measurement: Length, Mass, Volume and capacity Y1 Measurement
FSM4 Begin to explore the notion of conservation of length, weight, capacity in practical situations; engage in discussion about their observations.		YR Measurement: Length, Mass, Volume and capacity Y1 Measurement
FSM5 Choose and use, with guidance, non-standard units to measure length/capacity/weight; talk about their work.	Compare Length Everyday Length Measures Model Subtraction	YR Measurement: Length, Mass, Volume and capacity Y1 Measurement
FSM6 Sequence two or three familiar events.		YR Time, Money and Data: Time Y1 Time and Money
FSM7 Talk about significant times on the clock.		Y1 Time and Money
FSM8 Compare two intervals of time; talk about their observations in terms of took longer/shorter time.		YR Time, Money and Data: Time Y1 Time and Money
FSM9 Explore time patterns.		YR Time, Money and Data: Time Y1 Time and Money
FSM10 Choose and use, with guidance, non-standard units to measure time; talk about their work.		YR Time, Money and Data: Time
Shape and Space		
FSSh1 Explore and talk about shapes in the environment.		YR Space and Shape: 2D Space, 3D Space Y1 Space and Shape
FSSh2 Build and make models with 3D shapes; create pictures and patterns with 2D shapes.	Patterns and Relationships Colour Patterns Complete the Pattern Missing it! Patterns and Relationships Simple Patterns	Y1 Space and Shape



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Curriculum Alignment Year 1

Expectation	Activities & Live Mathletics	eBooks
Shape and Space		
FSSh3 Investigate and talk about the properties of shapes.		YR Space and Shape: 2D Space, 3D Space Y1 Space and Shape
FSSh4 Sort collections of shapes in several ways; describe the arrangements.		YR Space and Shape: 2D Space, 3D Space Y1 Space and Shape
FSSh5 Describe and name common 3-D and 2-D shapes.		YR Space and Shape: 2D Space, 3D Space Y1 Space and Shape
FSSh6 Explore body space through different types of movement.		
FSSh7 Explore movement through space during indoor and outdoor play activities.		YR Space and Shape: Position Y1 Space and Shape
FSSh8 Understand and use a range of positional words.	Space and Shape Left or Right? Where is it?	YR Space and Shape: Position Y1 Space and Shape
FSSh9 Explore movement using programmable devices.		
FSSh10 Follow/give directions from/to a partner for simple movements.	Space and Shape Where is it?	YR Space and Shape: Position Y1 Space and Shape
Sorting		
FSS1 Explore freely properties of a range of materials and one/two/three property collections; respond to questions about the arrangements.	Measures Everyday Mass Hot or Cold? Same and Different Sorting	
FSS2 Sort collections of random materials.		YR Space and Shape: 2D Space, 3D Space YR Time, Money and Data: Data Y1 Chance and Data, Space and Shape
FSS3 Sort for one criterion using one-property materials; talk about the arrangement.	Sorting Same and Different	YR Space and Shape: 2D Space, 3D Space YR Time, Money and Data: Data Y1 Chance and Data, Space and Shape
FSS4 Sort for one criterion using two-property collections; re-sort for the second criterion; explain their work.	Sorting Same and Different	YR Space and Shape: 2D Space, 3D Space YR Time, Money and Data: Data Y1 Chance and Data, Space and Shape
FSS5 Sort for one criterion using three/four-property collections; find the various possibilities; explain their work.		YR Space and Shape: 2D Space, 3D Space YR Time, Money and Data: Data Y1 Chance and Data, Space and Shape
FSS6 Partition sets into subsets in preparation for exploring components of number.		



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Curriculum Alignment Year 1

Expectation	Activities & Live Mathletics	eBooks
Patterns and Relationships		
FSP1 Investigate and talk about pattern in the environment.		Y1 Patterns and Relationships
FSP2 Copy a simple pattern.		YR Numbers and Patterns: Patterns Y1 Patterns and Relationships
FSP3 Continue a simple pattern.	Patterns and Relationships Colour Patterns Complete the Patterns Missing it! Sorting Sort It	YR Numbers and Patterns: Patterns Y1 Patterns and Relationships
FSP4 Create patterns.		YR Numbers and Patterns: Patterns Y1 Patterns and Relationships
FSP5 Explore pattern in number.		Y1 Patterns and Relationships
FSP6 Discover the components of numbers within 5/10 by investigating different ways of partitioning sets into subsets practically; talk about the outcomes.		YR Operations with Number: Addition Y1 Operations with Number
FSP7 Understand the concept of addition by combining sets of objects to find 'how many'.	Add and Subtract Add and Subtract Adding to 5 Adding to make 5 and 10 Balance Numbers to 10 Model Addition Model Subtraction Subtracting from 5	YR Operations with Number: Addition Y1 Operations with Number
FSP8 Match objects in real contexts.	Sorting More or Less?	YR Numbers and Patterns: Numbers to 10, Numbers to 20 Numbers to 30 Y1 Numbers
FSP9 Compare sets by matching objects/counting objects to understand the terms 'more than' 'less than' 'the same'.	Numbers to 10 How many dots? More or Less? Sorting	YR Numbers and Patterns: Numbers to 10, Numbers to 20 Numbers to 30 Y1 Numbers
FSP10 Investigate the relationship between addition and subtraction in practical situations.		Y1 Operations with Number

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Curriculum Alignment Year 1

Expectation	Activities & Live Mathletics	eBooks
Progression		
FSPr1 Use appropriate mathematical language and symbols.		Y1 Operations with Number
FSPr2 Sort and re-sort materials, recording the outcomes in a variety of ways.		Y1 Space and Shape Y1 Time and Money
FSPr3 Talk about data represented in simple block graphs, tables and diagrams.	Sorting Same and Different	Y1 Chance and Data
FSPr4 Understand the conservation of number.		
FSPr5 Count forwards and backwards from different starting points.		Y1 Numbers
FSPr6 Recognise numbers to at least 20.		Y1 Numbers
FSPr7 Carry out mental calculations such as 1 more/less than up to 20, doubles up to 10 and mentally add and subtract within 10.	Live Mathletics L1	Y1 Operations with Number
FSPr8 Understand that 'teen' numbers are made up of 10 plus another number.		Y1 Numbers
FSPr9 Begin to measure using non-standard units.		Y1 Measurement
FSPr10 Talk about the properties of 3-D and 2-D shapes using appropriate mathematical language.		Y1 Space and Shape
FSPr11 Be involved in solving practical problems.		



Northern Ireland Curriculum Alignment Year 2

Expectation	Activities & Live Mathletics	eBooks
Understanding Number		
FSNuN1 Count a variety of objects.	Add & Subtract How many dots? How Many Dots? More or Less? Numbers	Y1 Numbers: Numbers to 20, Numbers to 50, Numbers to 100 YR Numbers and Patterns, Y2 Numbers
FSNuN2 Develop an understanding of one-to-one correspondence and come to appreciate that the size of a set is given by the last number in the count.		Y1 Numbers: Numbers to 20, Numbers to 50, Numbers to 100 YR Numbers and Patterns, Y2 Numbers
FSNuN3 Investigate different ways of making sets for a given number within 5/10.	Live Mathletics L1	YR Numbers and Patterns Y2 Operations with Number
FSNuN4 Match numerals to sets.	Numbers How Many Dots?	Y1 Numbers: Numbers to 20, Numbers to 50 YR Numbers and Patterns, Y2 Numbers
FSNuN5 Order numerals and sets within 5/10.		Y1 Numbers: Numbers to 20, Numbers to 50 YR Numbers and Patterns, Y2 Numbers
FSNuN6 Develop an understanding of conservation of number within 5/10.	Add & Subtract Adding in Any Order Adding to make 5 and 10 Balance Numbers to 10	Y1 Numbers: Numbers to 20, Numbers to 50, Numbers to 100 YR Numbers and Patterns, Y2 Numbers
FSNuN7 Understand in counting activities that 'none' is represented by zero.		YR Numbers and Patterns
FSNuN8 Explore ordinal number.	Measurement and Money Comparing Length	Y1 Numbers: Ordinal Numbers YR, Y2 Numbers and Patterns
FSNuN9 Explore the number that comes after, before, between a given number.	Counting 1 to 30 Order Numbers to 20 Numbers Before, After, and Between to 20 Compare Numbers to 20	Y1 Numbers: Numbers to 20, Numbers to 50 Numbers to 100 YR Numbers and Patterns, Y2 Numbers
FSNuN10 Carry out simple mental calculations.	Add & Subtract Adding to 10 Word Problems	Y1 Operations with Number: Addition YR Numbers and Patterns YR, Y2 Operations with Number
FSNuN11 Extend, when appropriate, understanding of number beyond 10.	Numbers Numbers in Words	Y1 Numbers: Numbers to 20, Numbers to 50 Numbers to 100 YR Numbers and Patterns Y2 Numbers



Northern Ireland Curriculum Alignment Year 2

Expectation	Activities & Live Mathletics	eBooks
Counting and Number Recognition		
FSNuC1 Count in the context of number rhymes, jingles and stories.		
FSNuC2 Count forwards in ones within 5/10 from different starting points.		Y1 Numbers: Numbers to 20, Numbers to 50, Numbers to 100 YR, Y2 Numbers
FSNuC3 Count backwards in ones within 5/10 from different starting points.		Y1 Numbers: Numbers to 20, Numbers to 50, Numbers to 100 YR, Y2 Numbers
FSNuC4 Recognise numerals up to 5/10.		Y1 Numbers: Numbers to 20, Numbers to 50, Numbers to 100 YR, Y2 Numbers
FSNuC5 State, without counting, quantities within 5.	Add & Subtract How many dots?	Y2 Numbers
FSNuC6 Make a sensible guess of quantities within 10.	Numbers How Many Dots?	Y2 Numbers
FSNuC7 Explore numbers relevant to their every day lives.		Y1 Patterns and Relationships: Patterns and Rules YR Numbers and Patterns
FSNuC8 Extend, when appropriate, counting in ones and recognition of numbers beyond 10.	Counting 1 to 30 Counting Backwards Counting Forwards	Y1 Numbers: Numbers to 20, Numbers to 50, Numbers to 100 YR Numbers and Patterns, Y2 Numbers
FSNuC9 Extend activities to include counting in 2s, 5s and 10s.	Counting Counting Counting by Twos Counting by Fives Counting by Tens Counting by 2s, 5s and 10s	Y1 Operations with Number: Skip Counting Y2 Operations with Number
Understanding Money		
FSNuM1 Use money in various contexts.	Measurement and Money Everyday Money (GBP) Money (GBP) Measurement and Money Skip Counting with coins	Y1 Time and Money: Money YR Time, Money and Data, Y2 Money
FSNuM2 Talk about things that they want to spend money on.		Y1 Time and Money: Money YR Time, Money and Data, Y2 Money
FSNuM3 Understand the need to pay for goods.		Y1 Time and Money: Money YR Time, Money and Data, Y2 Money
FSNuM4 Become familiar with coins in everyday use.	Measurement and Money Everyday Money (GBP) Money (GBP)	Y1 Time and Money: Money YR Time, Money and Data, Y2 Money
FSNuM5 Talk about different ways we can pay for goods.		Y1 Time and Money: Money
FSNuM6 Use their number skills in shopping activities.	Measurement with Money Skip Counting with coins	Y1 Time and Money: Money YR Time, Money and Data, Y2 Money



Northern Ireland Curriculum Alignment Year 2

Expectation	Activities & Live Mathletics	eBooks
Measures		
FSM1 Compare two objects of different length/weight/capacity/area; understand and use the language of comparison.	Measurement and Money Comparing Length Comparing Volume Everyday Length Everyday Mass Filling Fast!	Y1 Measurement: Length, Mass Volume and capacity YR, Y2 Measurement
FSM2 Order three objects of different length, weight, capacity, area; talk about the ordering using appropriate language.	Measurement and Money Comparing Length Comparing Volume	Y1 Measurement: Length, Mass Volume and capacity YR, Y2 Measurement
FSM3 Find an object of similar length, weight, capacity, area; talk about their findings in terms of 'just about the same' length, weight, capacity, area.		Y1 Measurement: Length, Mass Volume and capacity YR, Y2 Measurement
FSM4 Begin to explore the notion of conservation of length, weight, capacity in practical situations; engage in discussion about their observations.	Measurement and Money Balancing Act	Y1 Measurement: Length, Mass Volume and capacity YR, Y2 Measurement
FSM5 Choose and use, with guidance, non-standard units to measure length/capacity/weight; talk about their work.	Measurement and Money Everyday Length Everyday Mass Which measuring tool?	Y1 Measurement: Length, Mass Volume and capacity YR, Y2 Measurement
FSM6 Sequence two or three familiar events.		Y1 Time and Money: Time YR, Y2 Time, Money and Data
FSM7 Talk about significant times on the clock.	Measurement and Money Hour Times	Y1 Time and Money: Time Y2 Time and Money
FSM8 Compare two intervals of time; talk about their observations in terms of took longer/shorter time.		Y1 Time and Money: Time YR, Y2 Time, Money and Data
FSM9 Explore time patterns.	Measurement and Money Days of the Week	Y1 Time and Money: Time YR, Y2 Time, Money and Data
FSM10 Choose and use, with guidance, non-standard units to measure time; talk about their work.		Y1 Time and Money: Time YR, Y2 Time, Money and Data
Shape and Space		
FSSh1 Explore and talk about shapes in the environment.		Y1 Space and Shape: 3D Space YR, Y2 Space and Shape
FSSh2 Build and make models with 3D shapes; create pictures and patterns with 2D shapes.	Space and Shape Complete the Pattern Simple Patterns	Y1 Space and Shape: 2D Space, 3D Space Y2 Space and Shape
FSSh3 Investigate and talk about the properties of shapes.	Space and Shape Match the Solid 1	Y1 Space and Shape: 2D Space, 3D Space YR, Y2 Space and Shape
FSSh4 Sort collections of shapes in several ways; describe the arrangements.		Y1 Space and Shape: 2D Space, 3D Space YR, Y2 Space and Shape



Northern Ireland Curriculum Alignment Year 2

Expectation	Activities & Live Mathletics	eBooks
Shape and Space		
FSSh5 Describe and name common 3-D and 2-D shapes.	Space and Shape Collect Simple Shapes Count Sides and Corners Match the Solid 1	Y1 Space and Shape: 2D Space, 3D Space YR, Y2 Space and Shape
FSSh6 Explore body space through different types of movement.		
FSSh7 Explore movement through space during indoor and outdoor play activities.		Y1 Space and Shape: Position YR, Y2 Space and Shape
FSSh8 Understand and use a range of positional words.	Space and Shape Following Directions Left or Right? Where is it?	Y1 Space and Shape: Position YR, Y2 Space and Shape
FSSh9 Explore movement using programmable devices.		
FSSh10 Follow/give directions from/to a partner for simple movements.	Space and Shape Following Directions Where is it?	Y1 Space and Shape: Position YR, Y2 Space and Shape
Sorting		
FSS1 Explore freely properties of a range of materials and one/two/three property collections; respond to questions about the arrangements.		
FSS2 Sort collections of random materials.	Sorting and Data Same and Different	Y1 Space and Shape: 2D Space, 3D Space Y1 Chance and Data: Data YR, Y2 Space and Shape YR Time, Money and Data Y2 Chance and Data
FSS3 Sort for one criterion using one-property materials; talk about the arrangement.	Sorting and Data Same and Different	Y1 Space and Shape: 2D Space, 3D Space Y1 Chance and Data: Data YR, Y2 Space and Shape YR Time, Money and Data Y2 Chance and Data
FSS4 Sort for one criterion using two-property collections; re-sort for the second criterion; explain their work.		Y1 Space and Shape: 2D Space, 3D Space Y1 Chance and Data: Data YR, Y2 Space and Shape YR Time, Money and Data Y2 Chance and Data
FSS5 Sort for one criterion using three/four-property collections; find the various possibilities; explain their work.		Y1 Space and Shape: 2D Space, 3D Space Y1 Chance and Data: Data YR, Y2 Space and Shape YR Time, Money and Data Y2 Chance and Data
FSS6 Partition sets into subsets in preparation for exploring components of number.		



Northern Ireland Curriculum Alignment Year 2

Expectation	Activities & Live Mathletics	eBooks
Patterns and Relationships		
FSP1 Investigate and talk about pattern in the environment.		Y1 Patterns and Relationships: Patterns and Rules
FSP2 Copy a simple pattern.		YR Numbers and Patterns Y1 Patterns and Relationships: Patterns and Rules
FSP3 Continue a simple pattern.	Space and Shape Complete the Pattern Simple Patterns	YR Numbers and Patterns Y1 Patterns and Relationships: Patterns and Rules Y2 Patterns and Relationships
FSP4 Create patterns.		YR Numbers and Patterns Y1 Patterns and Relationships: Patterns and Rules Y2 Patterns and Relationships
FSP5 Explore pattern in number.	Counting Order Numbers to 20	Y1 Patterns and Relationships: Patterns and Rules Y2 Patterns and Relationship
FSP6 Discover the components of numbers within 5/10 by investigating different ways of partitioning sets into subsets practically; talk about the outcomes.		Y1 Operations with Number: Addition YR, Y2 Operations with Number
FSP7 Understand the concept of addition by combining sets of objects to find 'how many'.	Add & Subtract Addition Facts Model Addition	Y1 Operations with Number: Addition YR, Y2 Operations with Number
FSP8 Match objects in real contexts.		YR Numbers and Patterns Y1 Numbers: Numbers to 20
FSP9 Compare sets by matching objects/counting objects to understand the terms 'more than' less than' 'the same'.	Counting More or Less? More, Less or the Same to 20	YR Numbers and Patterns Y1 Numbers: Numbers to 20
FSP10 Investigate the relationship between addition and subtraction in practical situations.		Y1 Operations with Number: Addition and Subtraction Y2 Operations with Number



Northern Ireland Curriculum Alignment Year 2

Expectation Progression	Activities & Live Mathletics	eBooks
FSPr1 Use appropriate mathematical language and symbols.	Add & Subtract Addition Facts Adding in Any Order Adding to make 5 and 10 Adding to Ten Add & Subtract Balance Numbers to 10 Model Addition Model Subtraction Subtracting from Ten	Y2 Operations with Number
FSPr2 Sort and re-sort materials, recording the outcomes in a variety of ways.		Y2 Space and Shape
FSPr3 Talk about data represented in simple block graphs, tables and diagrams.	Numbers More or Less? Pictograph Sorting and Data Sorting Data Who has the Goods?	Y2 Chance and Data
FSPr4 Understand the conservation of number.	Measurement and Money Balancing Act	
FSPr5 Count forwards and backwards from different starting points.	Counting Counting Backwards	Y2 Numbers
FSPr6 Recognise numbers to at least 20.	Counting 1 to 30 Count by 2s, 5s and 10s Counting by Fives Counting by Tens More, Less or the Same to 20 Order Numbers to 20 Numbers Before, After, and Between to 20 Compare Numbers to 20 Matching Numbers to 20	Y2 Numbers
FSPr7 Carry out mental calculations such as 1 more/less than up to 20, doubles up to 10 and mentally add and subtract within 10.	Add & Subtract 1 More, 2 Less Adding to Ten Subtracting from Ten Numbers Doubles and Halves to 10 Live Mathletics L1	Y2 Operations with Number
FSPr8 Understand that 'teen' numbers are made up of 10 plus another number.	Numbers Make Numbers Count	Y2 Numbers
FSPr9 Begin to measure using non-standard units.		Y2 Measurement
FSPr10 Talk about the properties of 3-D and 2-D shapes using appropriate mathematical language.		Y2 Space and Shape
FSPr11 Be involved in solving practical problems.		



Northern Ireland Curriculum Alignment Year 3

Expectation	Activities & Live Mathletics	eBooks
Understanding Number and Number Notation		
KS1NU1 Count, read, write and order whole numbers, initially to 10, progressing to at least 1,000.		Y2 Numbers: Numbers to 999 Place value to 999 Number sense Y1 Numbers, Y3 Reading and Understanding Whole Numbers
KS1NU2 Understand the empty set and the conservation of number.		Y2 Numbers: Numbers to 999 Place value to 999 Number sense Y1 Numbers, Y3 Reading and Understanding Whole Numbers
KS1NU3 Understand that the place of the digit indicates its value.		Y2 Numbers: Place value to 999 Y1 Numbers, Y3 Reading and Understanding Whole Numbers
KS1NU4 Make a sensible estimate of a small number of objects and begin to approximate to the nearest 10 or 100.		Y2 Numbers: Number sense Y3 Reading and Understanding Whole Numbers
KS1NU5 Recognise and use simple everyday fractions.		Y2 Numbers: Fractions Y1 Numbers, Y3 Fractions
Patterns, Relationships and Sequences in Number		
KS1NP1 Copy, continue and devise repeating pattern.	Counting Count Backwards Patterns Count Forward Patterns Money Groups of Five Groups of Ten Groups of Two Multiply & Divide Skip Counting with coins	Y2 Patterns and Relationships: Patterns and rules Y1 Patterns and Relationships, Y3 Patterns and Algebra
KS1NP2 Explore patterns in number tables.	Money Skip Counting with coins Multiply & Divide Groups of Five Groups of Ten Groups of Two Numbers to 100 Number Line Order	Y2 Patterns and Relationships: Patterns and rules Y1 Patterns and Relationships, Y3 Patterns and Algebra
KS1NP3 Understand the commutative property of addition and the relationship between addition and subtraction.	Addition & Subtraction Facts Fact Families: Add and Subtract Related Facts 1	Y2 Patterns and Relationships: Number relationships Y2 Operations with Number: Subtraction Y3 Addition and Subtraction
KS1NP4 Understand the use of a symbol to stand for an unknown number.		Y2 Patterns and Relationships: Number relationships Y3 Patterns and Algebra
KS1NP5 Understand and use simple function machines.		Y2 Patterns and Relationships: Patterns and Rules Y3 Patterns and algebra



Northern Ireland Curriculum Alignment Year 3

Expectation	Activities & Live Mathletics	eBooks
Operations and their Applications		
KS1NO1 Understand the operations of addition, subtraction, multiplication and division (without remainders) and use them to solve problems.	Add & Subtract Add & Subtract Problems Add Three 1-Digit Numbers Adding to 10 Word Problems Adding to 2-digit numbers Jump Add and Subtract Data Bar Graphs 1 Multiply & Divide Dividing Fives Dividing Tens Dividing Twos Multiplication Arrays Multiplication Facts Share the Treasure Live Mathletics L1, 2	Y2 Numbers: Skip counting Y2 Operations with Number: Addition, Subtraction, Multiplication, Division Y1 Numbers Y1 Operations with Number Y3 Addition and Subtraction Y3 Multiplication and Division 3 Ribbons Four Times as Big
KS1NO2 Know addition and subtraction facts to 20 and the majority of multiplication facts up to 10 x 10.	Add & Subtract Additive Addition Simple Subtraction Addition & Subtraction Facts Add 3 numbers using bonds to 10 Addition Facts to 18 All about Twenty Balance Numbers to 20 Subtraction Facts to 18 Multiply & Divide Dividing Fives Dividing Tens Dividing Twos Groups of Five Groups of Ten Groups of Two Multiplication Arrays Multiplication Facts Live Mathletics L3: 2s, 3s, 4s, 5s and 10s	Y2 Numbers: Skip counting Y2 Operations with Number: Addition, Subtraction, Multiplication, Division Y1 Numbers Y1 Operations with Number Y3 Addition and Subtraction Y3 Multiplication and Division 3 Ribbons Four Times as Big



Northern Ireland Curriculum Alignment Year 3

Expectation	Activities & Live Mathletics	eBooks
Operations and their Applications		
KS1NO3 Develop strategies for adding and subtracting mentally up to the addition of two two-digit numbers within 100.	Add & Subtract Add 3 numbers using bonds to 10 Add 3 single digit Add Three 1-Digit Numbers Additive Addition Adding to 2-digit numbers Jump Add and Subtract Repartition to Subtract Simple Subtraction Addition & Subtraction Facts Add 3 numbers using bonds to 10 Balance Numbers to 20 Fact Families: Add and Subtract Related Facts 1 Number Relationships 1 More, 10 Less 10 more, 10 less Live Mathletics L3	Y2 Numbers: Skip counting Y2 Operations with Number: Addition Subtraction Y1 Numbers Y1 Operations with Number Y3 Addition and Subtraction
Money		
KS1NM1 Recognise coins and use them in simple contexts.	Money Money Skip Counting with coins Who has the Money?	Y2 Time and Money: Money Y1 Time and Money Y3 Addition and subtraction
KS1NM2 Add and subtract money up to £10, use the conventional way of recording money, and use these skills to solve problems.	Money Money Who has the Money?	Y2 Time and Money: Money Y1 Time and Money Y3 Addition and subtraction
KS1NM3 Talk about the value of money and ways in which it could be spent, saved and kept safe.		Y1 Time and Money
KS1NM4 Talk about what money is and alternatives for paying.		Y1 Time and Money
KS1NM5 Decide how to spend money.		Y2 Time and Money: Money
Measures		
KS1M1 Understand and use the language associated with length, 'weight', capacity, area and time	Measurement Comparing Length Comparing Volume Everyday Mass Time Half Hour Times Hour Times	Y2 Measurement: Length, Mass Volume and capacity Y1, Y3 Measurement
KS1M2 Use non-standard units to measure and recognise the need for standard unit.	Measurement Comparing Length How Full?	Y2 Measurement: Length, Mass, Volume and capacity Y1 Measurement



Northern Ireland Curriculum Alignment Year 3

Expectation	Activities & Live Mathletics	eBooks
Measures		
KS1M3 Know and use the most commonly used units to measure in purposeful context.		Y2 Measurement: Length Y3 Measurement
KS1M4 Make estimates using arbitrary and standard unit.		Y2 Measurement: Length, Mass, Volume and capacity Y1, Y3 Measurement
KS1M5 Choose and use simple measuring instruments, reading and interpreting them with reasonable accuracy.	Measurement How Full? How Heavy? How Long is That? Measuring Length	Y2 Measurement: Length Y3 Measurement
KS1M6 Sequence everyday events.		Y2 Time and Money: Time Y1 Time and Money
KS1M7 Know the days of the week, months of the year and seasons.	Time Days of the Week Months of the Year Using a Calendar	Y2 Time and Money: Time Y1 Time and Money
KS1M8 Explore calendar patterns.	Time Using a Calendar	Y2 Time and Money: Time Y3 Time
KS1M9 Recognise times on the analogue clock and digital displays.	Time Half Hour Times	Y2 Time and Money: Time Y1 Time and Money, Y3 Time
KS1M10 Understand the conservation of measures.		Y2 Measurement: Length, Mass, Volume and capacity Y1, Y3 Measurement
Exploration of Shape		
KS1SE1 Sort 2-D and 3-D shapes in different ways.		Y2 Space and Shape: 2D Space, 3D Space Y1, Y3 Space, Shape & Position
KS1SE2 Make constructions, pictures and patterns using 2-D and 3-D shapes.		Y2 Space and Shape: 2D Space, 3D Space Y1 Space and Shape
KS1SE3 Name and describe 2-D and 3-D shapes.	Space & Shape Collect More Shapes Collect the Objects Match the Object	Y2 Space and Shape: 2D Space, 3D Space Y1, Y3 Space, Shape & Position
KS1SE4 Recognise reflective symmetry.	Space & Shape Symmetry	Y2 Shape and Space: 2D Space Y1, Y3 Space, Shape & Position
KS1SE5 Explore simple tessellation through practical activities.		Y2 Space and Shape: 2D Space Y3 Space, Shape & Position



Northern Ireland Curriculum Alignment Year 3

Expectation	Activities & Live Mathletics	eBooks
Position, Movement and Direction		
KS1PO1 Use prepositions to state position.	Space & Shape Following Directions Left or Right?	Y2 Space and Shape: Position Y1, Y3 Space, Shape & Position
KS1PO2 Understand angle as a measure of turn.		Y3 Space, Shape and Position
KS1PO3 Understand and give instructions for turning through right angles.		
KS1PO4 Recognise right-angled corners in 2-D and 3-D shape.		Y3 Space, Shape and Position
KS1PO5 Know the four points of the compass.		Y3 Space, Shape and Position
KS1PO6 Use programmable devices to explore movement and direction.		
Collecting, Representing and Interpreting Data		
KS1DC1 Sort and classify objects for one or two criteria and represent results using Venn, Carroll and Tree diagram.	Data Carroll Diagram Sorting Data	Y2 Chance and Data: Data Y1 Space and Shape Y3 Chance and Data
KS1DC2 Collect data, record and present it using real objects, drawings, tables, mapping diagrams, simple graphs and ICT software.	Data Make Graphs	Y2 Chance and Data: Data Y1, Y3 Chance and Data
KS1DC3 Discuss and interpret the data.	Data Sorting Data Tallies Who has the Goods?	Y2 Chance and Data: Data Y1, Y3 Chance and Data
KS1DC4 Extract information from a range of charts, diagrams and table.	Data Bar Graphs 1 Carroll Diagram	Y2 Chance and Data: Data Y1, Y3 Chance and Data
KS1DC5 Enter and access information using a database.		



Northern Ireland Curriculum Alignment Year 4

Expectation	Activities & Live Mathematics	eBooks
Understanding Number and Number Notation		
KS1NU1 Count, read, write and order whole numbers, initially to 10, progressing to at least 1,000.	Whole Numbers Numbers in Words Which is Bigger? Which is Smaller? Number Line Order Compare Numbers to 100 Greater or Less to 100 Before, After and Between to 100 Odd or Even Ascending Order Descending Order	Y3 Reading & Understanding Whole Numbers: Looking at whole numbers Place value of whole numbers Y2 Numbers Y4 Reading & Understanding Whole Numbers
KS1NU2 Understand the empty set and the conservation of number.		
KS1NU3 Understand that the place of the digit indicates its value.	Whole Numbers Nearest 100? Place Value Make Big Numbers Count Model Numbers Place Value 2 Place Value to Thousands Expanding Numbers Repartition 2-Digit Numbers Partition and rename 1	Y3 Reading & Understanding Whole Numbers: Place value of whole numbers Y2 Numbers Y4 Reading & Understanding Whole Numbers
KS1NU4 Make a sensible estimate of a small number of objects and begin to approximate to the nearest 10 or 100.	Whole Numbers Nearest 100?	Y3 Reading & Understanding Whole Numbers: Round and estimate Y2 Numbers Y4 Reading & Understanding Whole Numbers
KS1NU5 Recognise and use simple everyday fractions.	Fractions Halves and Quarters What Fraction is Shaded? Uneven Partitioned Shapes 1 Partition Into Equal Parts Thirds and Sixths Fractions of a collection 2 Part-whole rods 2 Halve it! Fraction Fruit Sets 1	Y3 Fractions: Introducing fractions Types of fractions Y2 Numbers Y4 Fractions



Northern Ireland Curriculum Alignment Year 4

Expectation	Activities & Live Mathletics	eBooks
Patterns, Relationships and Sequences in Number		
KS1NP1 Copy, continue and devise repeating pattern.	Patterns & Relationships Count by 2s, 5s and 10s Count Forward Patterns Count Backward Patterns Describing Patterns Understanding Money Skip Counting with Coins	Y3 Patterns and Algebra: Patterns and functions Y2 Patterns and Relationships Y4 Patterns and Algebra
KS1NP2 Explore patterns in number tables.	Whole Numbers Number Line Order Patterns & Relationships Count by 2s, 5s and 10s Skip Counting Multiplication & Division Frog Jump Multiplication Understanding Money Skip Counting with Coins	Y3 Patterns and Algebra: Patterns and functions Y2 Patterns and Relationships Y4 Patterns and Algebra
KS1NP3 Understand the commutative property of addition and the relationship between addition and subtraction.	Patterns & Relationships Commutative Property of Addition Fact Families: Add & Subtract	Y3 Reading and Understanding Whole Numbers: Looking at whole numbers
KS1NP4 Understand the use of a symbol to stand for an unknown number.	Add & Subtract Missing Numbers Problem Solving Word Problems with Letters Magic Symbols 1	Y3 Patterns and Algebra: Equations and equivalence Y2 Patterns and Relationships, Y4 Patterns and Algebra
KS1NP5 Understand and use simple function machines.		Y3 Patterns and Algebra: Patterns and functions Y2 Patterns and Relationships, Y4 Patterns and Algebra
Operations and their Applications		
KS1NO1 Understand the operations of addition, subtraction, multiplication and division (without remainders) and use them to solve problems.	Patterns & Relationships Doubles and Halves to 20 Double and Near Doubles Add & Subtract Add Two 2-Digit Numbers Add Three 2-Digit Numbers Columns that Add Columns that Subtract Complements to 10, 20, 50 Find the Missing Number 1 Jump Add and Subtract Magic Mental Addition Magic Mental Subtraction Missing Numbers Repartition to Subtract Subtract Numbers	Y3 Addition and Subtraction: Addition mental strategies Subtraction mental strategies Written methods, Money Y2 Operations with Number Y4 Addition and Subtraction



Northern Ireland Curriculum Alignment Year 4

Expectation	Activities & Live Mathletics	eBooks
Operations and their Applications		
KS1NO1 Understand the operations of addition, subtraction, multiplication and division (without remainders) and use them to solve problems (continued.)	Multiplication Tables Multiplication Facts Multiplication and Division Dividing Twos Dividing Fives Dividing Tens Fill the Jars Frog Jump Multiplication Problem Solving Bar Model Problems 1 I am thinking of a number Magic Symbols 1 Mass Word Problems Problems: Add and Subtract Partition Puzzles 1 Pyramid Puzzles 1 Problems: Times and Divide Word Problems with Letters	Y3 Multiplication and Division: Introducing multiplication Multiplication facts Mental multiplication strategies, Division Games and investigations Y2 Operations with Number Y4 Multiplication and Division
KS1NO2 Know addition and subtraction facts to 20 and the majority of multiplication facts up to 10 x 10.	Patterns & Relationships Doubles and Halves to 20 Doubles and Near Doubles Add & Subtract Additive Addition Simple Subtraction Multiplication Tables Groups of Ten Groups of Five Groups of Three Groups of Eight Multiplication Facts Times Tables Multiplication and Division Multiplication Arrays Live Mathletics L1, 2, 3	Y3 Addition and Subtraction: Addition mental strategies Subtraction mental strategies Y3 Multiplication and Division: Multiplication facts Y2 Operations with Number Y4 Addition and Subtraction Y4 Multiplication and Division
KS1NO3 Develop strategies for adding and subtracting mentally up to the addition of two two-digit numbers within 100.	Add & Subtract Additive Addition Complements to 10, 20, 50 Jump Add and Subtract Magic Mental Addition Magic Mental Subtraction Simple Subtraction Multiplication and Division Multiply Multiples of 10 Live Mathletics L3, L4	Y3 Addition and Subtraction Addition mental strategies, Subtraction mental strategies Y2 Operations with Number Y4 Addition and Subtraction



Northern Ireland Curriculum Alignment Year 4

Expectation	Activities & Live Mathletics	eBooks
Money		
KS1NM1 Recognise coins and use them in simple context.	Understanding Money How much Change? Money Skip Counting with Coins Who has the Money?	Y3 Addition and subtraction: Money Y2 Time and Money Y4 Addition and subtraction
KS1NM2 Add and subtract money up to £10, use the conventional way of recording money, and use these skills to solve problem.	Understanding Money How much Change? Money	Y3 Addition and subtraction: Money Y2 Time and Money Y4 Addition and subtraction
KS1NM3 Talk about the value of money and ways in which it could be spent, saved and kept safe.		
KS1NM4 Talk about what money is and alternatives for paying.		
KS1NM5 Decide how to spend money.		Y2 Time and Money: Money
Measures		
KS1M1 Understand and use the language associated with length, 'weight', capacity, area and time	Time Half Hour Times Hour Times Quarter to and Quarter past	Y3 Measurement: Units of length, Area, Volume and capacity, Mass Y3 Time: Telling time, Measuring time Y2 Measurement Y4 Length, Area and Perimeter Y4 Volume, Capacity and Mass Y4 Time
KS1M2 Use non-standard units to measure and recognise the need for standard unit.		Y2 Measurement
KS1M3 Know and use the most commonly used units to measure in purposeful context.		Y3 Measurement: Units of length, Area, Volume and capacity, Mass Y3 Time: Telling time, Measuring time Y2 Measurement Y4 Length, Area and Perimeter Y4 Volume, Capacity and Mass Y4 Time
KS1M4 Make estimates using arbitrary and standard unit.		Y3 Measurement: Units of length, Volume and capacity, Mass Y2 Measurement Y4 Length, Area and Perimeter Y4 Volume, Capacity and Mass
KS1M5 Choose and use simple measuring instruments, reading and interpreting them with reasonable accuracy.	Measures How Long is That? How Heavy? Measuring Length Temperature Using a Litre Which measuring tool?	Y3 Measurement: Units of length, Volume and capacity, Mass Y2 Measurement Y4 Length, Area and Perimeter Y4 Volume, Capacity and Mass
KS1M6 Sequence everyday events.		Y2 Time and Money



Northern Ireland Curriculum Alignment Year 4

Expectation	Activities & Live Mathletics	eBooks
Measures		
KS1M7 Know the days of the week, months of the year and seasons.	Time Days of the Week	Y2 Time and Money
KS1M8 Explore calendar patterns.		Y3 Time: Measuring time Y2 Time and Money, Y4 Time
KS1M9 Recognise times on the analogue clock and digital displays.	Time Five Minute Times Hour Times Half Hour Times Quarter to and Quarter past	Y3 Time: Telling time Measuring time Y2 Time and Money, Y4 Time
KS1M10 Understand the conservation of measures.		Y3 Measurement: Mass Y2 Measurement Y4 Length, Area and Perimeter Y4 Volume, Capacity and Mass
Exploration of Shape		
KS1SE1 Sort 2-D and 3-D shapes in different ways.		Y3 Space, Shape and Position: 2D shapes, 3D shapes Y2 Space and Shape Y4 Space, Shape and Position
KS1SE2 Make constructions, pictures and patterns using 2-D and 3-D shape.		Y3 Space, Shape and Position: 2D shapes Y2 Space and Shape Y4 Space, Shape and Position
KS1SE3 Name and describe 2-D and 3-D shapes.	Shape and Space Collect the Objects 1 Collect the Polygons Collect More Shapes How many Faces? How many Edges? How many Corners? Match the Solid 1	Y3 Space, Shape and Position: 2D shapes, 3D shapes Y2 Space and Shape Y4 Space, Shape and Position
KS1SE4 Recognise reflective symmetry.	Shape and Space Symmetry or Not?	Y3 Space, Shape and Position: 2D shapes Y2 Space and Shape Y4 Space, Shape and Position
KS1SE5 Explore simple tessellation through practical activities.		Y3 Space, Shape and Position: 2D shapes Y2 Space and Shape
Position, Movement and Direction		
KS1PO1 Use prepositions to state position.	Shape and Space Following Directions Left or Right?	Y3 Space, Shape and Position: Position Y2 Space and Shape Y4 Space, Shape and Position
KS1PO2 Understand angle as a measure of turn.		Y3 Space, Shape and Position: Lines and angles Y4 Space, Shape and Position
KS1PO3 Understand and give Instructions for turning through right angle.	Shapes and Space Flip, Slide, Turn	



Northern Ireland Curriculum Alignment Year 4

Expectation	Activities & Live Mathletics	eBooks
Position, Movement and Direction		
KS1PO4 Recognise right-angled corners in 2-D and 3-D shape.	Shape and Space Right Angle Relation	Y3 Space, Shape and Position: Lines and angles Y4 Space, Shape and Position
KS1PO5 Know the four points of the compass.	Shape and Space What Direction was That?	Y3 Space, Shape and Position: Position Y4 Space, Shape and Position
KS1PO6 Use programmable devices to explore movement and direction.		
Collecting, Representing and Interpreting Data		
KS1DC1 Sort and classify objects for one or two criteria and represent results using Venn, Carroll and Tree diagram.	Handling Data Carroll Diagram Venn Diagram 1	Y3 Chance and Data: Data Y2, Y4 Chance and Data
KS1DC2 Collect data, record and present it using real objects, drawings, tables, mapping diagrams, simple graphs and ICT software.	Handling Data Bar Graphs 1 Making Graphs Tallies	Y3 Chance and Data: Data Y4 Chance and Data
KS1DC3 Discuss and interpret the data.	Handling Data Reading from a Bar Chart	Y3 Chance and Data: Data Y2, Y4 Chance and Data
KS1DC4 Extract Information from a range of charts, diagrams and table.	Handling Data Interpreting Tables Reading from a Bar Chart	Y3 Chance and Data: Data Y2, Y4 Chance and Data
KS1DC5 Enter and access information using a database.		



Northern Ireland Curriculum Alignment Year 5

Expectation	Activities & Live Mathletics	eBooks
Understanding Number and Number Notation		
KS2NU1 Count, read, write and order whole numbers.	Understanding Number Ascending Order Descending Order Greater or Less Than? Number Lines Numbers in Words Which is Bigger? Which is Smaller?	Y4 Reading and Understanding Whole Numbers: Looking at whole numbers Place value of whole numbers Y3, Y5 Reading and Understanding Whole Numbers
KS2NU2 Develop an understanding of place value up to two decimal places.	Understanding Number Expanding Numbers Greater or Less Than? Partition and rename 1 Place Value Partitioning Place Value to Thousands Repatriation 2-Digit Numbers Which is Bigger? Which is Smaller?	Y4 Reading and Understanding Whole Numbers: Place value of whole numbers Y3, Y5 Reading and Understanding Whole Numbers Y5 Multiplication & Division
KS2NU3 Use understanding of place value to multiply and divide numbers by 10 and 100.	Patterns and Relationships Multiples of 10 Multiplication and Division Multiply Multiples of 10	Y4 Multiplication & Division: Mental multiplication strategies Mental division strategies Y3, Y5 Multiplication & Division
KS2NU4 Estimate and approximate to gain an indication of the size of a solution to a calculation or problem.		Y4 Reading and Understanding Whole Numbers: Round and estimate Y3, Y5 Reading and Understanding Whole Numbers
KS2NU5 Understand and use vulgar fractions, decimal fractions and percentages and explore the relationships between them.	Fractions and Decimals Compare Fractions 1a Decimal Order 1 Equivalent Fraction Wall 1 Fractions of a Collection 2 Fraction Fruit Sets 1 Model Fractions Nearest Whole Number Part-Whole Rods 2 Shading Equivalent Fractions Uneven Partitioned Shapes 2 Unit Fractions What Fraction Is Shaded? Live Mathletics L6	Y4 Fractions: Working with fractions Types of fractions Fractions, decimals and percentages Y3 Fractions Y5 Fractions, Decimals and Percentages
KS2NU6 Understand and use negative numbers in context.		



Northern Ireland Curriculum Alignment Year 5

Expectation	Activities & Live Mathletics	eBooks
Patterns, Relationships and Sequences in Number		
KS2NP1 Explore and predict patterns and sequences of whole number.	Patterns and Relationships Decreasing Patterns Increasing Patterns Odd and Even Numbers 1 Pick the Next Number 10 More, 10 Less	Y4 Patterns and Algebra: Patterns and functions Y3, Y5 Patterns and Algebra
KS2NP2 Follow and devise rules for generating sequence.	Patterns and Relationships Describing Patterns	Y4 Patterns and Algebra: Patterns and functions Y3, Y5 Patterns and Algebra
KS2NP3 Understand and use multiples and factors and the terms prime, square and cube.	Patterns and Relationships Multiples of 10	Y4 Multiplication and Division: Using known facts Y3, Y5 Multiplication and Division
KS2NP4 Appreciate inverse operation.	Patterns and Relationships Commutative Property of Addition Find the Missing Number 1 Related Facts 2	Y4 Addition & Subtraction: Subtraction mental strategies Y4 Multiplication & Division: Division Y3 Addition & Subtraction Y3, Y5 Multiplication & Division
KS2NP5 Interpret, generalise and use simple relationships expressed in numerical, spatial and practical situations.	Patterns and Relationships Odd and Even Numbers 1 10 More, 10 Less	
KS2NP6 Understand and use simple function machine.		Y4 Patterns and Algebra: Patterns and functions Y3, Y5 Patterns and Algebra
KS2NP7 Understand that a letter can stand for an unknown number.		Y4 Patterns and Algebra: Equations and equivalence Y3, Y5 Patterns and Algebra



Northern Ireland Curriculum Alignment Year 5

Expectation	Activities & Live Mathletics	eBooks
Operations and their Applications		
KS2NO1 Develop strategies to add and subtract mentally.	Addition and Subtraction Bump Add and Subtract Complements to 50 and 100 Estimate Differences Estimate Sums Magic Mental Addition Magic Mental Subtraction Live Mathletics L1, 2, 3, 4	Y4 Addition Subtraction: Addition mental strategies Subtraction mental strategies Y3, Y5 Addition & Subtraction
KS2NO2 Know the multiplication facts up to 10 x 10.	Multiplication and Division Dividing Threes Dividing Fours Dividing Eights Groups of Three Groups of Four Groups of Eight Times Tables Live Mathletics L3, 4	Y4 Multiplication & Division: Mental multiplication strategies Mental division strategies Y3, Y5 Multiplication & Division
KS2NO3 Engage in a range of activities to develop understanding of the four operations of number.	Addition and Subtraction Add Numbers: Regroup a Ten Add Two 2-Digit Numbers: Regroup Add 3-Digit Numbers Add Three 2-Digit Numbers Column Addition Column Subtraction Complements to 50 and 100 Regroup Subtract Numbers Subtract Numbers: Regroup 3-Digit Differences Multiplication and Division Fact Families: Multiply and Divide Frog Jump Multiplication Grid Methods 1 Multiply: 2-Digit by 1-Digit Multiply Multiples of 10 Remainders by Arrays Split Add and Subtract	Y4 Addition & Subtraction: Addition mental strategies Subtraction mental strategies Written methods, Money Y4 Multiplication & Division: Multiplication facts Using known facts Mental multiplication strategies Mental division strategies Written methods Games and investigations Y3, Y5 Addition & Subtraction Y3, Y5 Multiplication & Division
KS2NO4 Appreciate the use of brackets.		Y5 Multiplication & Division



Northern Ireland Curriculum Alignment Year 5

Expectation	Activities & Live Mathletics	eBooks
Operations and their Applications		
KS2NO5 Add and subtract with up to two decimal places.	Addition and Subtraction Add Numbers: Regroup a Ten Add Three 2-Digit Numbers Add Three 2-Digit Numbers: Regroup Add 3-Digit Numbers Add Two 2-Digit Numbers: Regroup Column Addition Column Subtraction Decimal Complements Subtract Numbers 3-Digit Differences Subtract Numbers: Regroup	Y4 Addition Subtraction: Money Y3, Y5 Addition & Subtraction
KS2NO6 Multiply and divide decimals by whole numbers.		Y5 Multiplication & Division
KS2NO7 Use the 4 operations to solve problems.	Multiplication and Division Multiply: 2-Digit by 1-Digit Problem Solving Bar Model Problems 2 Find the Missing Number 1 I am thinking of a number! Magic Symbols 1 Partition Puzzles 2 Problems: Add and Subtract 2 Pyramid Puzzles 2 Word Problems with Letters	Y4 Addition & Subtraction: Written methods, Money Y4 Multiplication & Division: Division, Written methods Games & investigations Y3, Y5 Addition & Subtraction Y3, Y5 Multiplication & Division
Money		
KS2NM1 Use the four operations to solve problems involving money.	Understanding Money How much Change? Money Skip Counting with Coins	Y4 Addition & subtraction: Money Y3, Y5 Addition & Subtraction Y5 Multiplication & Division Coin Count
KS2NM2 Discuss the value of money, how to keep money safe, ways in which goods can be paid for and the need for budgeting.		
KS2NM3 Be able to plan and think ahead in terms of saving and spending money.		
KS2NM4 Prioritise spending with a limited supply of money.		Y4 Addition & Subtraction: Money
KS2NM5 Understand how to access best buys.		
KS2NM6 Discuss foreign currency including the Euro.		



Northern Ireland Curriculum Alignment Year 5

Expectation	Activities & Live Mathletics	eBooks
Measures		
KS2M1 Develop skills in estimation of length, 'weight', volume/capacity, time, area and temperature.		Y4 Length, Area & Perimeter: Units of length Y4 Volume, Capacity & Mass: Volume and capacity, Mass Y3 Measurement Y5 Length, Perimeter & Area Y5 Volume, Capacity & Mass
KS2M2 Appreciate Important Ideas about measurement, including the continuous nature of measurement and the need for appropriate accuracy.	Measures Measuring Length	Y4 Length, Area & Perimeter: Units of length, Perimeter, Area Y4 Volume, Capacity & Mass: Volume and capacity, Mass Y3 Measurement Y5 Length, Perimeter & Area Y5 Volume, Capacity & Mass
KS2M3 Understand the relationship between units and convert one metric unit to another.	Measures Centimetres and Metres Converting cm and mm Kilometre Conversions Live Mathletics L6	Y4 Length, Area & Perimeter: Units of Length Y4 Volume, Capacity & Mass: Volume and capacity, Mass Y3 Measurement, Y5 Length, Area & Perimeter Y5 Volume, Capacity & Mass
KS2M4 Use the four operations to solve problems.	Problem Solving Mass Word Problems	Y4 Length, Area & Perimeter: Area Y4 Volume, Capacity & Mass: Volume & Capacity, Mass Y3 Measurement Y5 Length, Area & Perimeter Y5 Volume, Capacity & Mass
KS2M5 Calculate perimeter and the areas and volumes of simple shapes.	Measures Area of Shapes Biggest Shape Equal Areas Perimeter of Shapes	Y4 Length, Area & Perimeter: Perimeter, Length Y3 Measurement Y5 Length, Area & Perimeter
KS2M6 Understand and use scale in the context of simple maps and drawings.		Y5 Length, Area & Perimeter
KS2M7 Recognise times on the analogue and digital clocks and understand the relationship between the 12 and 24-hour clocks.	Time What is the Time?	Y4 Time: Telling time, Measuring time Y3, Y5 Time
KS2M8 Use timetables.	Time Using Timetables Live Mathletics L6	Y4 Time Measuring time Y3, Y5 Time



Northern Ireland Curriculum Alignment Year 5

Expectation	Activities & Live Mathletics	eBooks
Exploration of Shape		
KS2SE1 Construct a range of regular and irregular 2-D shapes.		Y4 Space, Shape and Position: Lines, angles and shapes Y3 Space, Shape & Position, Y5 Geometry
KS2SE2 Classify 2D shapes through examination of angles and sides.	Lines and Angles Sides, Angles and Diagonals	Y4 Space, Shape & Position: Lines, angles and shapes Y3 Space, Shape & Position, Y5 Geometry
KS2SE3 Recognise line and rotational symmetry.	Shape Symmetry or Not?	Y4 Space, Shape & Position: Lines, angles and shapes Y3 Space, Shape & Position, Y5 Geometry
KS2SE4 Reflect shapes in a line.	Shape Transformations	Y4 Space, Shape & Position Lines, angles and shapes Y3 Space, Shape & Position, Y5 Geometry
KS2SE5 Explore tessellations.		Y3 Space, Shape & Position Y5 Geometry
KS2SE6 Name and describe common 2-D shapes.	Shape Collect the Polygons	Y4 Space, Shape & Position: Lines, angles and shapes Y3 Space, Shape & Position, Y5 Geometry
KS2SE7 Begin to understand congruence in 2-D shapes.		Y3 Space, Shape & Position
KS2SE8 Construct 3-D shapes.		Y5 Geometry
KS2SE9 Investigate the number of faces, edges and vertices on 3D shapes.	Shape Faces, Edges and Vertices Faces, Edges and Vertices 1 How many Faces? How many Edges? How many Corners?	Y4 Space, Shape & Position: Investigating 3D shapes Y3 Space, Shape & Position, Y5 Geometry
KS2SE10 Name and describe common 3-D shapes.	Shape Collect the Objects 2 Faces, Edges and Vertices Faces, Edges and Vertices 1 How many Corners? How many Edges? How many Faces? What Prism am I? What Pyramid am I?	Y4 Space, Shape & Position: Investigating 3D shapes Y3 Space, Shape & Position, Y5 Geometry
KS2SE11 Explore the relationship between 2-D and 3-D shapes.	Shape What Prism am I? What Pyramid am I?	Y4 Space, Shape & Position: Investigating 3D shapes Y3 Space, Shape & Position, Y5 Geometry



Northern Ireland Curriculum Alignment Year 5

Expectation	Activities & Live Mathletics	eBooks
Position, Movement and Direction		
KS2PO1 Understand the notion of angle in the context of turning.		Y4 Space, Shape & Position: Lines and angles Y3 Space, Shape & Position, Y5 Geometry
KS2PO2 Recognise right angles.	Lines and Angles Right Angle Relation What Type of Angle?	Y4 Space, Shape and Position: Lines, angles and shapes Y3 Space, Shape and Position, Y5 Geometry
KS2PO3 Understand clockwise and anti-clockwise.		Y5 Position
KS2PO4 Know the eight points of the compass.	Position What Direction was That?	Y4 Space, Shape & Position: Lines, angles and shapes Y5 Position
KS2PO5 Use logo to understand movement and turning.		
KS2PO6 Be introduced to a programming language and use it to create pictures and patterns and to generate shape.		
KS2PO7 Develop language associated with line and angle.	Lines and Angles Equal Angles Sides, Angles and Diagonals What Line am I?	Y4 Space, Shape & Position: Lines, angles and shapes Y3 Space, Shape & Position, Y5 Geometry
KS2PO8 Recognise properties of acute, obtuse and reflex angles.	Lines and Angles What Type of Angle?	Y4 Space, Shape & Position: Lines, angles and shapes Y5 Geometry
KS2PO9 Investigate angles in triangles and quadrilaterals.		Y5 Geometry
KS2PO10 Measure and draw angles up to 360°.	Lines and Angles Comparing Angles	Y5 Geometry
KS2PO11 Use co-ordinates to plot and draw shapes in the first quadrant.	Position Coordinate Meeting Place Map Coordinates Using a Key	Y4 Space, Shape and Position: Position Y3 Space, Shape & Position, Y5 Position



Northern Ireland Curriculum Alignment Year 5

Expectation	Activities & Live Mathletics	eBooks
Collecting, Representing and Interpreting Data		
KS2DC1 Collect, classify, record and present data drawn from a range of meaningful situations, using graphs, tables, diagrams and ICT software.	Handling Data Making Graphs Tallies	Y4 Chance and Data: Data Y3 Chance and Data, 5 Data Representation
KS2DC2 Explain their work orally and/or through writing and draw conclusions.		
KS2DC3 Interpret a wide range of tables, lists, graphs and diagrams.	Handling Data Add and Subtract Using Graphs Carroll Diagram Column Graphs Interpreting Tables Reading from a Column Graph Tree Diagram Venn Diagram 1	Y4 Chance and Data: Data Y3 Chance and Data Y5 Data Representation
KS2DC4 Create and interpret frequency tables, including those for grouped data.		Y4 Chance and Data: Data Y3 Chance and Data Y5 Data Representation
KS2DC5 Design and use a data collection sheet.		Y4 Chance and Data: Data Y3 Chance and Data
KS2DC6 Interpret the results of data collections.		Y4 Chance and Data: Data Y3 Chance and Data Y5 Data Representation
KS2DC7 Enter information in a database or spreadsheet and interrogate and interpret the results.		
KS2DC8 Understand, calculate and use the mean and range of a set of discrete data.	Handling Data Finding the Average	Y5 Data Representation
Introduction to Probability		
KS2DP1 Become familiar with and use the language of probability.	Handling Data What are the Chances?	Y4 Chance and Data: Chance Y3 Chance and Data Y5 Chance and Probability
KS2DP2 Understand possible outcomes of simple random events.	Handling Data What are the Chances? Will it happen?	Y4 Chance and Data: Chance Y3 Chance and Data Y5 Chance and Probability
KS2DP3 Understand that there is a degree of uncertainty about the outcome of some events, while others are certain or impossible.	Handling Data Will it happen?	Y4 Chance and Data: Chance Y3 Chance and Data Y5 Chance and Probability
KS2DP4 Place events in order of 'likelihood'.		Y4 Chance and Data: Chance Y3 Chance and Data Y5 Chance and Probability
KS2DP5 Understand and use the idea of 'evens' and know whether events are more or less likely than this.		Y4 Chance and Data: Chance Y5 Chance and Probability



Northern Ireland Curriculum Alignment Year 6

Expectation	Activities & Live Mathletics	eBooks
Understanding Number and Number Notation		
KS2NU1 Count, read, write and order whole numbers.	Place Value and Rounding Nearest 10? Nearest 100? Nearest 1000? Rounding Numbers	Y5 Reading and Understanding Whole Numbers: Looking at whole numbers Place value of whole numbers Y4, Y6 Reading & Understanding Whole Numbers
KS2NU2 Develop an understanding of place value up to two decimal places.	Addition and Subtraction Add 3-Digit Numbers: Regroup 3-Digit Differences with Zeroes 3-Digit Differences: 1 Regrouping Place Value and Rounding Nearest 10? Nearest 100? Nearest 1000? Understanding Number Greater Than or Less Than? Which is Greater? Which is Less? Place Value and Rounding Expanded Notation Partition and rename 2 Place Value Partitioning Place Value to Thousands Place Value 3	Y5 Multiplication & Division: Mental multiplication strategies Mental division strategies Y5 Reading & Understanding Whole Numbers: Place value of whole numbers Y4, Y6 Reading & Understanding Whole Numbers Y6 Multiplication & Division
KS2NU3 Use understanding of place value to multiply and divide numbers by 10 and 100.	Multiplication and Division Estimation: Multiply and Divide Multiply Multiples of 10 Multiply More Multiples of 10 Patterns and Relationships More Multiples of 10 Length, Perimeter and Area Metres and Kilometres Converting cm and mm	Y5 Multiplication & Division: Mental multiplication strategies Mental division strategies Y4, Y6 Multiplication & Division
KS2NU4 Estimate and approximate to gain an indication of the size of a solution to a calculation or problem.	Addition and Subtraction Estimate Sums Estimate Differences Multiplication and Division Estimation: Multiply and Divide Place Value and Rounding Nearest 10? Nearest 100? Nearest 1000? Rounding Numbers	Y5 Reading and Understanding Whole Numbers: Round and estimate Y4, Y6 Reasoning and Understanding Whole Numbers



Northern Ireland Curriculum Alignment Year 6

Expectation	Activities & Live Mathletics	eBooks
Understanding Number and Number Notation		
KS2NU5 Understand and use vulgar fractions, decimal fractions and percentages and explore the relationships between them.	Decimals and Percentages Decimal Complements Decimal Order Fractions to Decimals Decimals to Fractions 1 Modelling Percentages Match Decimals and Percentages Fractions Comparing Fractions 1 Counting with Fractions on a Number Line Decimals and Percentages Equivalent Fraction Wall 1 Fractions of a Collection 2 Shading Equivalent Fractions 1 Unit Fractions Uneven Partitioned Shapes 2 Live Mathletics L6	Y4 Fractions Y5 Fractions, Decimals and Percentages: Fractions, Decimal fractions, Fractions of an amount, Calculating Y6 Fractions, Decimals and Percentages
KS2NU6 Understand and use negative numbers in context.	Understanding Number Integers on a Number Line	Y6 Reading and Understanding Whole Numbers
Patterns, Relationships and Sequences in Number		
KS2NP1 Explore and predict patterns and sequences of whole number.	Patterns and Relationships Pick the Next Number Live Mathletics L5	Y5 Patterns and Algebra: Patterns and functions Y4, Y6 Patterns and Algebra
KS2NP2 Follow and devise rules for generating sequence.	Patterns and Relationships Describing Patterns Live Mathletics L5	Y5 Patterns and Algebra: Patterns and functions Y4, Y6 Patterns and Algebra
KS2NP3 Understand and use multiples and factors and the terms prime, square and cube.	Patterns and Relationships More Multiples of 10 Understanding Number Multiples	Y5 Multiplication and Division: Mental multiplication strategies Y4 Multiplication and Division Y6 Reading and Understanding Whole Numbers
KS2NP4 Appreciate inverse operation.	Patterns and Relationships Find the Missing Number 2 Missing Values: Decimals	Y5 Multiplication & Division: Mental division strategies Y4, Y6 Addition & Subtraction Y4, Y6 Multiplication & Division
KS2NP5 Interpret, generalise and use simple relationships expressed in numerical, spatial and practical situations.	Patterns and Relationships More Multiples of 10	



Northern Ireland Curriculum Alignment Year 6

Expectation	Activities & Live Mathletics	eBooks
Patterns, Relationships and Sequences in Number		
KS2NP6 Understand and use simple function machine.		Y5 Patterns and Algebra: Patterns and functions Y4, Y6 Patterns and Algebra
KS2NP7 Understand that a letter can stand for an unknown number.		Y5 Patterns and Algebra: Using equations Y4, Y6 Patterns and Algebra
Operations and their Applications		
KS2NO1 Develop strategies to add and subtract mentally.	Addition and Subtraction Bump Add and Subtract Complements to 50 and 100 Estimate Differences Estimate Sums Jump Add and Subtract Split Add and Subtract Live Mathletics L3, 4, 5	Y5 Addition & Subtraction: Addition mental strategies Subtraction mental strategies Y4, Y6 Addition & Subtraction
KS2NO2 Know the multiplication facts up to 10 x 10.	Multiplication and Division Dividing Sixes Dividing Sevens Dividing Nines Estimation: Multiply and Divide Groups of Six Groups of Seven Groups of Nine Multiplication Facts Multiply Multiples of 10 Multiply More Multiples of 10 Mental Methods Multiplication Mental Methods Division Multiply 1-Digit Number Multiply 1-Digit Number, Regroup Remainders by Tables Live Mathletics L3, 4, 5	Y5 Multiplication & Division: Mental multiplication strategies Mental division strategies Y4, Y6 Multiplication & Division
KS2NO3 Engage in a range of activities to develop understanding of the four operations of number.	Addition and Subtraction Bump Add and Subtract Complements to 50 and 100 Jump Add and Subtract Split Add and Subtract Strategies for Column Multiplication and Division Estimation: Multiply and Divide Mental Methods Multiplication Mental Methods Division Multiply 1-Digit Number Multiply 1-Digit Numbers, Regroup Remainders by Tables	Y5 Addition & Subtraction: Addition mental strategies Subtraction mental strategies, Written methods Y5 Multiplication & Division: Mental multiplication strategies Mental division strategies Written methods Puzzles and investigations Y4, Y6 Addition & Subtraction Y4, Y6 Multiplication & Division



Northern Ireland Curriculum Alignment Year 6

Expectation	Activities & Live Mathletics	eBooks
Operations and their Applications		
KS2NO4 Appreciate the use of brackets.	Live Mathletics L6	Y5 Multiplication & Division: Mental multiplication strategies Y6 Multiplication & Division Y6 Patterns and Algebra
KS2NO5 Add and subtract with up to two decimal places.	Addition and Subtraction Add 3 Digit Numbers Add 3-Digit Numbers: Regroup Adding Decimals Bump Add and Subtract Complements to 50 and 100 Decimal Complements Decimals and Percentages Jump Add and Subtract Missing Values: Decimals Split Add and Subtract Subtracting Decimals 3-Digit Differences with Zeroes 3-Digit Differences: 1 Regrouping	Y5 Addition & Subtraction: Written methods Y4, Y6 Addition & Subtraction
KS2NO6 Multiply and divide decimals by whole numbers.	Live Mathletics L6	Y5 Multiplication & Division: Written methods Y6 Multiplication & Division
KS2NO7 Use the 4 operations to solve problems.	Addition and Subtraction Add 3 Digit Numbers Add 3-Digit Numbers: Regroup 3-Digit Differences with Zeroes 3-Digit Differences: 1 Regrouping Patterns and Relationships Find the Missing Number 2 Missing Values: Decimals Fractions Unit Fractions Problem Solving Find the Missing Number 2 Fraction Length Models 1 Fraction Word Problems I am Thinking of a Number! Magic Symbols 1 Missing Numbers 1 Problems: Multiply and Divide Pyramid Puzzles Live Mathletics L5	Y5 Addition & Subtraction: Mental strategies Applying strategies Written methods Y5 Multiplication & Division: Mental multiplication strategies Mental division strategies Written methods Puzzles and investigations Y4 Addition & Subtraction Y4 Multiplication & Division



Northern Ireland Curriculum Alignment Year 6

Expectation	Activities & Live Mathletics	eBooks
Money		
KS2NM1 Use the four operations to solve problems involving money.	Money Best Buy Budgeting	Y5 Addition & Subtraction: Addition mental strategies Subtraction mental strategies Written methods Y5 Multiplication & Division: Mental multiplication strategies, Written methods, Puzzles and investigations Y4 Addition & subtraction Coin Count
KS2NM2 Discuss the value of money, how to keep money safe, ways in which goods can be paid for and the need for budgeting.		
KS2NM3 Be able to plan and think ahead in terms of saving and spending money.	Money Budgeting	
KS2NM4 Prioritise spending with a limited supply of money.		
KS2NM5 Understand how to access best buys.	Money Best Buy	
KS2NM6 Discuss foreign currency including the Euro.		Y6 Multiplication & Division
Measures		
KS2M1 Develop skills in estimation of length, 'weight', volume/capacity, time, area and temperature.		Y5 Length, Perimeter & Area: Units of length Y5 Volume, Capacity & Mass: Volume and Capacity, Mass Y4, Y6 Length, Perimeter & Area Y4, Y6 Volume, Capacity & Mass
KS2M2 Appreciate important ideas about measurement, including the continuous nature of measurement and the need for appropriate accuracy.		Y5 Length, Perimeter & Area: Units of length, Travelling far, Perimeter, Area Y5 Volume, Capacity & Mass Volume and capacity, Mass Y4, Y6 Length, Perimeter & Area Y4, Y6 Volume, Capacity & Mass
KS2M3 Understand the relationship between units and convert one metric unit to another.	Length, Perimeter and Area Converting cm and mm Metres and Kilometres Volume, Mass and Capacity Capacity Addition Kilogram Conversions Litre Conversions Mass Addition Time Elapsed Time Live Mathletics L6	Y5 Length, Perimeter & Area: Units of length, Travelling far Y5 Volume, Capacity & Mass: Volume and capacity, Mass Y4 Volume, Capacity & Mass Y4 Length, Area & Perimeter



Northern Ireland Curriculum Alignment Year 6

Expectation	Activities & Live Mathletics	eBooks
Measures		
KS2M4 Use the four operations to solve problems.	Volume, Mass and Capacity Capacity Addition Mass Addition Problem Solving Capacity Word Problems	Y5 Length, Area & Perimeter: Units of length, Travelling far, Perimeter, Mass Y5 Volume, Capacity & Mass: Volume and capacity, Mass Y4 Length, Area & Perimeter Y4 Volume, Capacity & Mass
KS2M5 Calculate perimeter and the areas and volumes of simple shapes.	Length, Perimeter and Area Area of Shapes Area: Squares and Rectangles Equal Areas Perimeter of Shapes Perimeter: Squares and Rectangles	Y5 Length, Perimeter & Area: Perimeter, Area Y5 Volume, Capacity & Mass: Volume and capacity Y4, Y6 Length, Perimeter & Area
KS2M6 Understand and use scale in the context of simple maps and drawings.		Y5 Length, Perimeter & Area: Travelling far Y6 Length, Perimeter & Area
KS2M7 Recognise times on the analogue and digital clocks and understand the relationship between the 12 and 24-hour clocks.	Time Elapsed Time Hours and Minutes 24-Hour Time Live Mathletics L5	Y5 Time: Telling time, Calculating time, Timetables Y4, Y6 Time
KS2M8 Use timetables.	Time Using Timetables Live Mathletics L6	Y5 Time: Calculating time Timetables Y4, Y6 Time
Exploration of Shape		
KS2SE1 Construct a range of regular and irregular 2-D shapes.		Y5 Geometry: 2D shapes Y4 Space, Shape and Position, Y6 Geometry
KS2SE10 Name and describe common 3-D shapes.	Lines and Angles Sides, Angles and Diagonals Triangle Tasters	Y5 Geometry: 3D shapes Y4 Space, Shape and Position, Y6 Geometry
KS2SE11 Explore the relationship between 2-D and 3-D shapes.	Space and Shape Rotational Symmetry Symmetry or Not?	Y5 Geometry: 3D shapes Y4 Space, Shape and Position Y6 Geometry
KS2SE2 Classify 2D shapes through examination of angles and sides.	Space and Shape Transformations	Y5 Geometry: 2D shapes Y4 Space, Shape and Position Y6 Geometry
KS2SE3 Recognise line and rotational symmetry.		Y5 Geometry: Transformation, tessellation and symmetry Y4 Space, Shape & Position, Y6 Geometry
KS2SE4 Reflect shapes in a line.		Y5 Geometry: Transformation, tessellation and symmetry Y4 Space, Shape & Position, Y6 Geometry



Northern Ireland Curriculum Alignment Year 6

Expectation	Activities & Live Mathletics	eBooks
Exploration of Shape		
KS2SE5 Explore tessellations.		Y3 Space, Shape & Position: 2D Shape
KS2SE6 Name and describe common 2-D shapes.		Y4 Space, Shape & Position: Lines, angles and shapes Y4 Space, Shape & Position, Y5 Geometry
KS2SE7 Begin to understand congruence in 2-D shapes.		Y3 Space, Shape & Position
KS2SE8 Construct 3-D shapes.		Y5 Geometry: 3D shapes Y6 Geometry
KS2SE9 Investigate the number of faces, edges and vertices on 3D shapes.	Space and Shape Faces, Edges and Vertices	Y5 Geometry: 3D shapes Y4 Space, Shape & Position, Y6 Geometry
Position, Movement and Direction		
KS2PO1 Understand the notion of angle in the context of turning.		Y5 Geometry: Lines and angles Y4 Space, Shape & Position, Y6 Geometry
KS2PO2 Recognise right angles.	Lines and Angles Right Angle Relation What Type of Angle 2?	Y5 Geometry: Lines and angles, 2D shapes Y4 Space, Shape & Position, Y6 Geometry
KS2PO3 Understand clockwise and anti-clockwise.		Y5 Position
KS2PO4 Know the eight points of the compass.	Space and Shape What Direction was That?	Y5 Position: Directions Y4 Space, Shape & Position, Y6 Position
KS2PO5 Use logo to understand movement and turning.		
KS2PO6 Be introduced to a programming language and use it to create pictures and patterns and to generate shape.		
KS2PO7 Develop language associated with line and angle.	Lines and Angles Classifying Angles Right Angle Relation Sides, Angles and Diagonals What Line am I? What Type of Angle 2?	Y5 Geometry: Lines and angles Y4 Space, Shape & Position, Y6 Geometry
KS2PO8 Recognise properties of acute, obtuse and reflex angles.	Lines and Angles Right Angle Relation What Type of Angle 2?	Y5 Geometry: Lines and angles Y4 Space, Shape & Position, Y6 Geometry



Northern Ireland Curriculum Alignment Year 6

Expectation	Activities & Live Mathletics	eBooks
Position, Movement and Direction		
KS2PO9 Investigate angles in triangles and quadrilaterals.	Lines and Angles Triangle Tasters	Y5 Geometry: Lines and angles, 2D shapes Y6 Geometry
KS2PO10 Measure and draw angles up to 360°.	Lines and Angles Measuring Angles	Y5 Geometry: Lines and angles Y6 Geometry
KS2PO11 Use co-ordinates to plot and draw shapes in the first quadrant.	Space and Shape Coordinate Graphs 1st Quadrant	Y5 Position: Coordinates Y4 Space, Shape & Position, Y6 Position
Collecting, Representing and Interpreting Data		
KS2DC1 Collect, classify, record and present data drawn from a range of meaningful situations, using graphs, tables, diagrams and ICT software.		Y5 Data Representation: Types of graph 2 Collecting and analysing data Y4 Chance and Data Y6 Data Representation
KS2DC2 Explain their work orally and/or through writing and draw conclusions.		
KS2DC3 Interpret a wide range of tables, lists, graphs and diagrams.	Time Using Timetables Handling Data Bar Graphs 1 Interpreting Tables	Y5 Data Representation: Types of graphs 1, Types of graphs 2, Types of graphs 3 Collecting & analysing data Data investigations Y4 Chance and Data Y6 Data Representation
KS2DC4 Create and interpret frequency tables, including those for grouped data.		Y5 Data Representation: Collecting and analysing data Y4 Chance and Data Y6 Data Representation
KS2DC5 Design and use a data collection sheet.		Y4 Chance and Data, Y6 Data Representation
KS2DC6 Interpret the results of data collections.		Y5 Data Representation: Collecting and analysing data Y4 Chance and Data Y6 Data Representation
KS2DC7 Enter information in a database or spreadsheet and interrogate and interpret the results.		
KS2DC8 Understand, calculate and use the mean and range of a set of discrete data.	Handling Data Mean 1	Y5 Data Representation: Collecting and analysing data Y6 Data Representation



Northern Ireland Curriculum Alignment Year 6

Expectation	Activities & Live Mathletics	eBooks
Introduction to Probability		
KS2DP1 Become familiar with and use the language of probability.	Handling Data How many Combinations What are the Chances?	Y5 Chance and Probability: Chance and Probability Y4 Chance and Data Y6 Chance and Probability
KS2DP2 Understand possible outcomes of simple random events.	Handling Data How many Combinations What are the Chances?	Y5 Chance and Probability: Chance and Probability Y4 Chance and Data, Y6 Chance and Probability
KS2DP3 Understand that there is a degree of uncertainty about the outcome of some events, while others are certain or impossible.	Handling Data What are the Chances?	Y5 Chance and Probability: Chance and Probability Y4 Chance and Data, Y6 Chance and Probability
KS2DP4 Place events in order of 'likelihood'.		Y5 Chance and Probability: Chance and Probability Y4 Chance and Data, Y6 Chance and Probability
KS2DP5 Understand and use the idea of 'evens' and know whether events are more or less likely than this.	Handling Data What are the Chances?	Y5 Chance and Probability: Chance and Probability Y4 Chance and Data, Y6 Chance and Probability



Northern Ireland Curriculum Alignment Year 7

Expectation	Activities & Live Mathletics	eBooks
Understanding Number and Number Notation		
KS2NU1 Count, read, write and order whole numbers.	Understanding Number Greater Than or Less Than? Integers on a Number Line Nearest 1000? Number Sequences up to 1 Million Numbers in Words Rounding Numbers	Y6 Reading & Understanding Whole Numbers: Read & understand numbers Y5 Reading & Understanding Whole Numbers Y7 Directed Numbers:
KS2NU2 Develop an understanding of place value up to two decimal places.	Understanding Number Add Three 2-Digit Numbers: Regroup Add Three 3-Digit Numbers Add Multi-Digit Numbers 1 Estimate Decimal Sums 1 Expanded Notation Greater Than or Less Than? Nearest 1000? Place Value 3 Place Value to Millions Partition and Rename 3 Rounding Numbers 3-Digit Differences: 2 Regroupings	Y6 Reading & Understanding Whole Numbers: Read & understand numbers Y6 Multiplication & Division: Mental multiplication strategies Mental division strategies Y5 Reading & Understanding Whole Numbers Y5 Multiplication & Division Y7 Whole Numbers, Y7 Decimals
KS2NU3 Use understanding of place value to multiply and divide numbers by 10 and 100.	Volume, Mass and Capacity Capacity Addition Converting Volume Millilitres and Litres Multiplication and Division Multiplying by 10, 100, 1000 Dividing by 10, 100, 1000 Length, Perimeter and Area Converting Units of Length Converting Units of Area	Y6 Multiplication & Division: Mental multiplication strategies Mental division strategies Y5 Multiplication & Division Y7 Whole Numbers Y7 Decimals
KS2NU4 Estimate and approximate to gain an indication of the size of a solution to a calculation or problem.	Addition and Subtraction Estimation: Add and Subtract Decimals Estimate Decimal Differences 1 Estimate Decimal Sums 1 Rounding Decimals 1 Multiplication and Division Estimation: Multiply and Divide Understanding Number Nearest 1000? Rounding Numbers	Y6 Reasoning and Understanding Whole Numbers: Round and estimate Y5 Reading and Understanding Whole Numbers



Northern Ireland Curriculum Alignment Year 7

Expectation	Activities & Live Mathletics	eBooks
Understanding Number and Number Notation		
KS2NU5 Understand and use vulgar fractions, decimal fractions and percentages and explore the relationships between them.	Decimals Adding Decimals Adding and Subtracting Decimals Comparing Decimals 1 Decimal Complements Decimals from Words to Digits 1 Decimals on a Number Line Decimal Order 1 Estimate Decimal Sums 1 Estimate Decimal Differences 1 Nearest Whole Number Rounding Decimals 1 Fractions Add: Common Denominator Comparing Fractions 2 Equivalent Fractions Equivalent Fraction Wall 1 Fraction by Whole number Fraction of an Amount One take Fraction Subtract: Common Denominator Unit Fractions Fractions, Decimals and Percentages Calculating Percentages Decimals to Fractions 1 Decimal to Percentage Modelling Percentages Percentage to Fraction Live Mathletics L6	Y6 Fractions, Decimals and Percentages: Fractions, Decimal Fractions, Fractions of an amount, Calculating Y5 Fractions, Decimals and Percentages, Y7 Decimals, Y7 Fractions, Y7 Percentage Basics
KS2NU6 Understand and use negative numbers in context.	Understanding Number Integers on a Number Line	Y6 Reading and Understanding Whole Numbers: Types of Numbers Y7 Directed Numbers
Patterns, Relationships and Sequences in Number		
KS2NP1 Explore and predict patterns and sequences of whole number.	Live Mathletics L5, 6	Y6 Patterns and Algebra: Patterns and functions Y5 Patterns and Algebra, Y7 Directed Numbers Y7 Whole Numbers
KS2NP2 Follow and devise rules for generating sequence.	Live Mathletics L5	Y6 Patterns and Algebra: Patterns and functions Y5 Patterns and Algebra Y7 Whole Numbers
KS2NP3 Understand and use multiples and factors and the terms prime, square and cube.	Understanding Number Factors Multiples Prime or Composite?	Y6 Reading and Understanding Whole Numbers: Types of numbers Y5 Multiplication and Division Y7 Whole Numbers



Northern Ireland Curriculum Alignment Year 7

Expectation	Activities & Live Mathletics	eBooks
Patterns, Relationships and Sequences in Number		
KS2NP4 Appreciate inverse operation.		Y6 Addition & Subtraction: Applying strategies Y6 Multiplication & Division: Mental division strategies Y5 Multiplication & Division
KS2NP5 Interpret, generalise and use simple relationships expressed in numerical, spatial and practical situations.		
KS2NP6 Understand and use simple function machines.		Y6 Patterns and Algebra: Patterns and functions Y5 Patterns and Algebra
KS2NP7 Understand that a letter can stand for an unknown number.		Y6 Patterns and Algebra: Algebraic thinking, Solving equations, Properties of arithmetic Y5 Patterns and Algebra Y7 Algebra Basics
Operations and their Applications		
KS2NO1 Develop strategies to add and subtract mentally.	Addition and Subtraction Bump Add and Subtract Complements to 50 and 100 Estimation: Add and Subtract Jump Add and Subtract Split Add and Subtract Live Mathletics L3, 4, 5	Y6 Addition & Subtraction: Mental strategies Y5 Addition & Subtraction
KS2NO2 Know the multiplication facts up to 10 x 10.	Multiplication and Division Contracted Multiplication Dividing by 10, 100, 1000 Division Facts Mental Methods Division Mental Methods Multiplication Multiplication Facts Multiplying by 10, 100, 1000 Remainders by Tables Short Division Live Mathletics L3, 4, 5	Y6 Multiplication & Division: Mental multiplication strategies Mental division strategies Y5 Multiplication & Division
KS2NO3 Engage in a range of activities to develop understanding of the four operations of number.	Addition and Subtraction Bump Add and Subtract Complements to 50 and 100 Estimation: Multiply and Divide Jump Add and Subtract Remainders by Tables Split Add and Subtract	Y6 Addition & Subtraction: Mental strategies, Applying strategies, Written methods Y6 Multiplication & Division: Mental multiplication strategies, Mental division strategies, Written methods, Puzzles and investigations Y5 Addition & Subtraction Y5 Multiplication & Division



Northern Ireland Curriculum Alignment Year 7

Expectation	Activities & Live Mathletics	eBooks
Operations and their Applications		
KS2NO4 Appreciate the use of brackets.	Live Mathletics L6	Y6 Multiplication & Division: Mental multiplication strategies Y6 Patterns and Algebra: Properties of arithmetic Y5 Multiplication & Division
KS2NO5 Add and subtract with up to two decimal places.	Addition and Subtraction Add Multi-Digit Numbers 1 Add Three 2-Digit Numbers: Regroup Add Three 3-Digit Numbers Bump Add and Subtract 3-Digit Differences: 2 Regroupings Complements to 50 and 100 Jump Add and Subtract Split Add and Subtract Decimals Adding and Subtracting Decimals Decimal Complement	Y6 Addition & Subtraction: Mental strategies Applying strategies Written methods Y5 Addition & Subtraction Y7 Decimals
KS2NO6 Multiply and divide decimals by whole numbers.	Decimals Decimal by Whole Number Understanding Money Purchase Options Volume, Mass and Capacity Capacity Addition Length, Perimeter and Area Converting Units of Length Converting Units of Area Converting Volume Millilitres and Litres Live Mathletics L6	Y6 Multiplication & Division: Written methods Y5 Multiplication & Division Y7 Decimals
KS2NO7 Use the 4 operations to solve problems.	Fractions Add: Common Denominator Subtract: Common Denominator Fraction by Whole Number Unit Fractions Fraction of an Amount One take Fraction Multiplication and Division Contracted Multiplication Division Facts Multiplication Facts Mental Methods: Multiplication Mental Methods: Division Short Division	Y6 Addition & Subtraction: Mental strategies, Applying strategies, Written methods Y6 Multiplication & Division: Mental multiplication strategies, Mental division strategies, Written methods, Puzzles Y5 Addition & Subtraction Y5 Multiplication & Division



Northern Ireland Curriculum Alignment Year 7

Expectation	Activities & Live Mathletics	eBooks
Operations and their Applications		
KS2NO7 Use the 4 operations to solve problems (continued.)	Problem Solving Divisibility Tests Fraction Word Problems Fraction Length Models 2 Magic Symbols 2 Missing Numbers 2 Percentage Word Problems Problems: Add and Subtract 2 Problems: Multiply and Divide 2 Pyramid Puzzles 2	Y6 Addition & Subtraction: Mental strategies, Applying strategies, Written methods Y6 Multiplication & Division: Mental multiplication strategies, Mental division strategies, Written methods, Puzzles Y5 Addition & Subtraction Y5 Multiplication & Division
Money		
KS2NM1 Use the four operations to solve problems involving money.	Understanding Money Best Buy Budgeting Percentage of a Quantity Purchase Options	Y6 Addition & Subtraction: Mental strategies, Applying strategies, Written methods Y6 Multiplication & Division: Written methods Y5 Addition & Subtraction Y5 Multiplication & Division
KS2NM2 Discuss the value of money, how to keep money safe, ways in which goods can be paid for and the need for budgeting.		
KS2NM3 Be able to plan and think ahead in terms of saving and spending money.	Understanding Money Budgeting	
KS2NM4 Prioritise spending with a limited supply of money.		
KS2NM5 Understand how to access best buys.	Understanding Money Best Buy	
KS2NM6 Discuss foreign currency including the Euro.		Y6 Multiplication & Division: Puzzles and investigations
Measures		
KS2M1 Develop skills in estimation of length, 'weight', volume/capacity, time, area and temperature.		Y6 Length, Perimeter & Area: Units of length review, Perimeter, Area, Scale and distance Y6 Volume, Capacity & Mass: Mass Y5 Length, Perimeter & Area Y5 Volume, Capacity & Mass
KS2M2 Appreciate important ideas about measurement, including the continuous nature of measurement and the need for appropriate accuracy.		Y6 Length, Perimeter & Area: Units of length review, Perimeter, Area, Scale and distance Y6 Volume, Capacity & Mass: Volume and capacity, Mass Y5 Length, Perimeter & Area Y5 Volume, Capacity & Mass



Northern Ireland Curriculum Alignment Year 7

Expectation	Activities & Live Mathletics	eBooks
Measures		
KS2M3 Understand the relationship between units and convert one metric unit to another.	Length, Perimeter and Area Capacity Addition Converting Units of Length Converting Units of Area Converting Volume Mass Addition Millilitres and Litres Live Mathletics L5, 6	Y6 Length, Perimeter & Area: Units of length review, Area Y6 Volume, Capacity & Mass: Volume and capacity, Mass Y7 Converting Units Y5 Length, Perimeter & Area Y5 Volume, Capacity & Mass
KS2M4 Use the four operations to solve problems.	Volume, Mass and Capacity Capacity Addition Capacity Word Problems Mass Addition Rates Word Problems Time Elapsed Time Time Mentals What Time will it be?	Y6 Length, Perimeter & Area: Perimeter, Area, Scale and distance Y6 Volume, Capacity & Mass: Volume and capacity, Mass Y5 Length, Perimeter & Area Y5 Volume, Capacity & Mass
KS2M5 Calculate perimeter and the areas and volumes of simple shapes.	Length, Perimeter and Area Area: Composite Shapes Area of Shapes Area: Squares and Rectangles Area: Triangles How Many Blocks? Perimeter of Shapes Perimeter: Squares and Rectangles Perimeter: Triangles Volume: Rectangular Prisms 2	Y6 Length, Perimeter & Area: Perimeter, Area Y5 Length, Perimeter & Area Y5 Volume, Capacity & Mass
KS2M6 Understand and use scale in the context of simple maps and drawings.		Y6 Length, Perimeter & Area: Scale and distance Y5 Length, Perimeter & Area
KS2M7 Recognise times on the analogue and digital clocks and understand the relationship between the 12 and 24-hour clocks.	Time Elapsed Time Time Mentals 24-Hour Time What Time will it be? Live Mathletics L5, 6	Y6 Time: Telling time, Calculating time, Time applications Y5 Time
KS2M8 Use timetables.	Live Mathletics L6	Y6 Time: Telling time Calculating time, Time applications Y5 Time, Y7 Time Calculations
Exploration of Shape		
KS2SE1 Construct a range of regular and irregular 2-D shapes.		Y6 Geometry: 2D shapes Y5 Geometry, Y7 Polygons
KS2SE2 Classify 2D shapes through examination of angles and sides.		Y6 Geometry: 2D shapes Y5 Geometry, Y7 Angles and Polygons
KS2SE3 Recognise line and rotational symmetry.	Space and Shape Rotational Symmetry Symmetry or Not	Y6 Geometry: Transformation, tessellation and symmetry Y5 Geometry, Y7 Polygons



Northern Ireland Curriculum Alignment Year 7

Expectation	Activities & Live Mathletics	eBooks
Exploration of Shape		
KS2SE4 Reflect shapes in a line.	Space and Shape Transformations	Y6 Geometry: Transformation, tessellation and symmetry Y7 Polygons, Y5 Geometry
KS2SE5 Explore tessellations.		
KS2SE6 Name and describe common 2-D shapes.		Y6 Geometry: 2D shapes Y5 Geometry, Y7 Polygons
KS2SE7 Begin to understand congruence in 2-D shapes.	Space and Shape Congruent Figures (Grid)	
KS2SE8 Construct 3-D shapes.		Y6 Geometry: 3D Shapes Y5 Geometry
KS2SE9 Investigate the number of faces, edges and vertices on 3D shapes.	Space and Shape Faces, Edges and Vertices Faces, Edges and Vertices 2	Y6 Geometry: 3D shapes Y5 Geometry, Y7 Solids
KS2SE10 Name and describe common 3-D shapes.	Space and Shape Faces, Edges and Vertices Faces, Edges and Vertices 2 Prisms and Pyramids What Prism am I? What Pyramid am I?	Y6 Geometry: 3D shapes Y5 Geometry, Y7 Solids
KS2SE11 Explore the relationship between 2-D and 3-D shapes.	Space and Shape Nets Prisms and Pyramids What Prism am I? What Pyramid am I?	Y6 Geometry: 3D Shapes Y5 Geometry, Y7 Solids
Position, Movement and Direction		
KS2PO1 Understand the notion of angle in the context of turning.	Lines and Angles Classifying Angles Measuring Angles	Y6 Geometry: Lines and angles Y5 Geometry, Y7 Angles
KS2PO2 Recognise right angles.	Lines and Angles Right Angle Relation	Y6 Geometry: Lines and angles Y5 Geometry, Y7 Angles
KS2PO3 Understand clockwise and anti-clockwise.		Y5 Position
KS2PO4 Know the eight points of the compass.		Y6 Position: Spatial orientation Y5 Position
KS2PO5 Use logo to understand movement and turning.		
KS2PO6 Be introduced to a programming language and use it to create pictures and patterns and to generate shape.		
KS2PO7 Develop language associated with line and angle.	Lines and Angles Classifying Angles Labelling Angles Right Angle Relation Sides, Angles and Diagonals	Y6 Geometry: Lines and angles Y5 Geometry, Y7 Angles, Y7 Angles and Polygons



Northern Ireland Curriculum Alignment Year 7

Expectation	Activities & Live Mathletics	eBooks
Position, Movement and Direction		
KS2PO8 Recognise properties of acute, obtuse and reflex angles.	Lines and Angles Classifying Angles Right Angle Relation	Y6 Geometry: Lines and angles Y5 Geometry, Y7 Angles
KS2PO9 Investigate angles in triangles and quadrilaterals.		Y6 Geometry: 2D Shapes Y5 Geometry, Y7 Angles and Polygons
KS2PO10 Measure and draw angles up to 360°.	Lines and Angles Measuring Angles	Y6 Geometry: Lines and angles Y5 Geometry, Y7 Angles
KS2PO11 Use co-ordinates to plot and draw shapes in the first quadrant.	Space and Shape Congruent Figures (Grid) Coordinate Graphs: 1st Quadrant	Y6 Position: Coordinates Y5 Position, Y7 The Number Plane
Collecting, Representing and Interpreting Data		
KS2DC1 Collect, classify, record and present data drawn from a range of meaningful situations, using graphs, tables, diagrams and ICT software.		Y6 Data Representation: Types of graphs 1, Type of graphs 3, Collecting and analysing data Y5 Data Representation Y7 Chance
KS2DC2 Explain their work orally and/or through writing and draw conclusions.		
KS2DC3 Interpret a wide range of tables, lists, graphs and diagrams.	Handling Data Bar Graphs 2 Compound Bar Chart Interpreting Tables Line Graphs: Interpretation	Y6 Data Representation: Types of graphs 1, Types of graphs 2, Types of graphs 3 Collecting & analysing data, Data investigations Y5 Data Representation Y7 Chance
KS2DC4 Create and interpret frequency tables, including those for grouped data.		Y6 Data Representation: Collecting and analysing data Y5 Data Representation Y7 Chance
KS2DC5 Design and use a data collection sheet.		Y6 Data Representation: Data investigations
KS2DC6 Interpret the results of data collections.		Y6 Data Representation: Types of graphs 1, Type of graphs 3, Collecting and analysing data Y5 Data Representation
KS2DC7 Enter information in a database or spreadsheet and interrogate and interpret the results.		
KS2DC8 Understand, calculate and use the mean and range of a set of discrete data.	Handling Data Mean	Y6 Data Representation: Collecting and analysing data Y5 Data Representation



Northern Ireland Curriculum Alignment Year 7

Expectation	Activities & Live Mathletics	eBooks
Introduction to Probability		
KS2DP1 Become familiar with and use the language of probability.	Handling Data Dice and Coins How many Combinations? Probability Scale	Y6 Chance and Probability: Chance and probability Y5 Chance and Probability, Y7 Chance
KS2DP2 Understand possible outcomes of simple random events.	Handling Data Dice and Coins How many Combinations? Probability Scale	Y6 Chance and Probability: Chance and probability Y5 Chance and Probability, Y7 Chance
KS2DP3 Understand that there is a degree of uncertainty about the outcome of some events, while others are certain or impossible.	Handling Data Probability Scale	Y6 Chance and Probability: Chance and probability Y5 Chance and Probability, Y7 Chance
KS2DP4 Place events in order of 'likelihood'.		Y6 Chance and Probability: Chance and probability Y5 Chance and Probability Y7 Chance
KS2DP5 Understand and use the idea of 'evens' and know whether events are more or less likely than this.	Handling Data Probability Scale	Y6 Chance and Probability: Chance and Probability Y5 Chance and Probability Y7 Chance