Primary National Curriculum Alignment for Wales

Mathletics and the Welsh Curriculum

This alignment document lists all Mathletics curriculum activities associated with each Wales course, and demonstrates how these fit within the National Curriculum Programme of Study for Wales.

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

http://www.3plearning.com/uk/mathleticsalignment/

Key: Normal text: LNF statement Extended skill ▲ Programme of study skill �

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Foundation Phase: Reception, Year 1 and Year 2

The Programme of Study for Wales states:

Children should be given opportunities to develop their skills, knowledge and understanding through:

• a developmentally appropriate curriculum where the seven (six in Welsh-medium settings/schools) Areas of Learning complement each other and work together

- continuous and enhanced provision and focused activities in the indoor and outdoor learning environments
- different types of play and a range of planned activities, including those that are child-initiated

• experiences that allow them to adopt a variety of roles, including leadership within a small group, paired learning or working within a team

different resources, including ICT

- active learning opportunities that build on prior experiences and support them to become independent thinkers and learners
- activities that allow them to use their senses, be creative and imaginative
- tasks and challenges that encourage problem solving and discussion.

Expectation	Торіс	Activity	
Developing Numberical Reasoning: Identifying processes and connections			
OP1a traasfar mathematical skills to play		Count to 5	
and classroom activities	Numbers to 10	How many dots?	
did classioon denvines		Dot Display	
OP1h identify store to complete the task		Balance Numbers to 10	
or reach a solution	Add and Subtract	Model Addition	
		Model Subtraction	
OPIe coloct environmiete methemotics and	Add and Subtract	Balance Numbers to 10	
techniques to use		Model Addition	
		Model Subtraction	
		Adding to 5	
		Subtracting from 5	
		Balance Numbers to 10	
OR1d select and use relevant number		Adding to make 5 and 10	
facts and mental strategies		Adding to Ten	
		Subtracting from 10	
		Model Addition	
		Model Subtraction	
OR1e select appropriate equipment and			
resources			

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Expectation	Τορίς	Activity
Developing Numberical Reasoning: Ident	ifying processes and connections	
		Which Holds More?
OR'If use knowledge and practical	Measurement	How Full?
experience to inform estimations		How Many Dots
Developing Numberical Reasoning: Repre	esent and communicate	
OR2a use everyday and mathematical language to talk about their own ideas and choices		
OR2h present work grally, pictorially and		Same and Different
in written form, and use a variety of ways	Data	Who has the Good?
to represent collected data	bala	Making Graphs
		Sort It
OR2c devise and refine informal personal		Model Addition
methods of recording moving to using	Add and Subtract	Model Subtraction
words and symbols in number sentences		Adding to Ten
		Subtracting from Ten
Developing Numberical Reasoning: Revie	ew	
	Add and Subtract	Model Addition
OR3a use checking strategies to decide if		Model Subtraction
answers are reasonable		Adding to Ten
		Subtracting from Ten
OR3b interpret answers within the context of the problem and consider whether answers are sensible	Add and Subtract	Adding to 10 Word Problems
OP2a interpret information processed in		Same and Different
charts and diagrams and draw	Dete	Who has the Good?
	Dala	Making Graphs
		Sort It
Using Number Skills: Use number facts a	nd relationships	
ON1a recite a range of number rhymes and songs 💠		
		Count to 5
	Numbers to 10	Dot Display
ON1b count reliably up to 10 objects		How Many Dots?
		How Many?
		Matching Numbers to 10

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Expectation	Topic	Activity
Using Number Skills: Use number facts	and relationships	
ON1c recite numbers up to 20, forwards		Matching Numbers to 20
and backwards, and from different	Numbers (2)	Counting up to 20
starting points 🔹		Counting Back Within 20
		Count to 5
		Dot Display
UNID read and write numbers to at least	Numbers (1)	How Many Dots?
		How Many?
		Matching Numbers to 10
		More or Less?
ON1e compare and order numbers to at	Numbers to (1)	More, Less or the same to 10
least 10		Order Numbers to 10
ON1f understand that zero means 'none'	Numbers to 10	Concept of zero
		Adding to 5
ONIg use number facts up to 5 👒	Add and Subtract	Subtracting from 5
0N1h count in 2s to 10 and in 10s to 100	Numbers (2)	Counting by Tens
ON1i use ordinal numbers to 10 in daily activities and play	Numbers to 10	Ordinal Numbers
ON1j begin to read number words 🛛 💠	Numbers to 10	Matching Numbers to 10
Using Number Skills: Calculate using m	ental and written methods	
ON3a mentally recall 'one more' of a number within 10 🔹	Numbers to 10	More, Less or the same to 10
ON3b mentally recall 'one less' of a number within 10 🔹	Numbers to 10	More, Less or the same to 10
ON3c combine two groups of objects to	Add and Subtract	Adding to make 5 and 10
find 'how many altogether?'	Add and Subfract	Model Addition
ON3d take away objects to find 'how many are left?'	Add and Subtract	Model Subtraction
ON3e solve simple problems in a practical situation that involve simple addition and subtraction up to 5 🔹	Add and Subtract	Adding to 10 word problems
ON3f talk about addition and subtraction		

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Evenetation	Tania	
Using Number Skills: Estimate and Check	Горіс	Activity
ON4 make a sensible estimate of up to 10 objects that can be checked by counting	Numbers to 10	How many dots?
Using Number Skills: Manage money		
ON5 use 1p, 2p, 5p and 10p coins to pay for items	Measurement	Everyday Money (GBP)
Using Measuring Skills: Length, weight/m	nass, capacity	
OM1 use direct comparisons with: –		Compare Length
length, height and distance, e.g.	Manauramaat	How full?
heavier/lighter than - copocity, e.g. holds	Medsorement	Which Holds More?
more/less than		Balancing Act
Using Measuring Skills:Time		
OM2a use the concept of time in terms of their daily activities		
OM2b sing/chant the days of the week, months and seasons of the year in		Days of the Week
meaningful contexts, e.g. when changing the class calendar 🔹	Medsorement	Months of the Year
OM2c demonstrate a developing sense of how long tasks and everyday events take		
Using Measuring Skills:Temperature		
OM3 use direct comparisons when describing temperature, e.g. hot/cold	Data	Hot or Cold?
Using Geometry Skills: Shape		
OG1a recognise and name common 2D		Collect the Shapes
rectangle) and some 3D shapes (cube,	Shape and Space	Collect Simple Shapes
cuboid and sphere) within play activities and the environment 🔹		Count Sides and Corners
OG1b use 2D and 3D shapes to make		
models and pictures 😵		
OSING Geometry Skills: Shape		
picture through a variety of media	Shapes and Space	Symmetry

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Expectation	Торіс	Activity
Using Data Skills: Collect and record date	a, Present and analyse data, Interpr	ret data
OD1a sort and classify objects using one	Data	Sort It
criterion	Dala	Same and Different
OD1b record collections using marks,	Data	Making Graphs
numbers or pictures	Data	Making Graphs
OD3 recognise and repeat three		Complete the Pattern
object/colour/clapped patterns and sequences.	Patterns	Simple Patterns
		Colour Patterns
		Missing it!

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Expectation	Topic	Activity	
Developing Numberical Reasoning: Identifying processes and connections			
1R1a transfer mathematical skills to play		Counting forwards	
	Numbers to 20	Counting Backwards	
and classroom activities		Matching Numbers to 20	
		Model Addition	
1R1b identify steps to complete the task or	Add and Subtract	Model Subtraction	
reach a solution		Add and Subtract Problems	
		Adding to 10 word problems	
	Add and Subtract	Add and Subtract Problems	
1R1c select appropriate mathematics and		Adding to 10 word problems	
techniques to use	Multiply and Divide	Groups	
		Share the Treasure	
1R1d select and use relevant number facts		Balance Numbers to 10	
and monthl strategies	Add and Subtract	Adding to make 5 and 10	
		Addition Facts	
1R1e select appropriate equipment and resources			
1R1f use knowledge and practical			
Developing Numberical Reasoning: Repre	esent and Communicate		
1R2a use everyday and mathematical language to talk about their own ideas			
		Sama and Different	
1R2b present work orally, pictorially and in	Data	When here the Cood?	
written form, and use a variety of ways to		Making Graphs	
represent collected data		Sorting Data	
1R2c devise and refine informal, personal			
methods of recording, moving to using	Add and Subtract	Model Subtraction	
words and symbols in number sentences		Adding to Ten	
		Subtracting from Ten	
Developing Numberical Reasoning: Revie	ew		
		Model Addition	
OR3a use checking strategies to decide if answers are reasonable	Add and Subtract	Model Subtraction	
		Adding to Ten	
		Subtracting from Ten	
OR3b interpret answers within the context of the problem and consider whether	Add and Subtract	Adding to 10 Word Problems	
answers are sensible		Add and Subtract Problems	

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Expectation	Торіс	Activity
Developing Numberical Reasoning: Revie	w (Continued)	
OR3c interpret information presented in charts and diagrams and draw		Same and Different
	Data	Who has the Good?
appropriate conclusions		Making Graphs
		Sorting Data
Using Number Skills: Use number facts o	and relationships	
		Groups of Two
1N1a count sets of objects by grouping in	Multiply and Divide	Groups of Ten
2s, 5s or 10s		Groups of Five
		Groups
1N1b recite numbers beyond 100, forwards	Numbers (1)	Counting Forwards
and backwards and from different starting		Conting Backwards
points 🛠	Numbers (2)	Number Lines
1N1c read and write numbers to at least		Counting Forwards
	Numbers (1)	Conting Backwards
100 -		Number Lines
	Numbers (1)	Order Numbers to 20
		Before, After and Between to 20
		More, Less of the Same to 10
		More, Less or the Same to 20
1N1d compare and order 2-digit numbers	Numbers (2)	Which is Bigger?
		Which is Smaller?
		Before, After & Between to 100
		Arranging Numbers
		Compare Numbers to 50
		Making Big Numbers Count
1N1e demonstrate an understanding of	Numbers (2)	Place Value 1
place value up to at least 100 🔹	Nombers (2)	Making Teen Numbers
		Make Numbers Count
1N1f use mental recall of number facts to		
10 to derive other facts, i.e.:		Doubles and Halves to 10
– doubling and halving, e.g. derive	Patterns and Relationships	
40 + 40 from knowing 4 + 4		Doubles and Halves to 20
1N1g recoil doubles up to 20 🔹	Patterns and Relationships	Doubles and Halves to 20
1N1h recognise and understand odd and		Odd or Even
even numbers up to 100 🔹	Patterns and Relationships	Odd and Even Numbers 1

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Expectation	Торіс	Activity
Using Number Skills: Use number facts o	and relationships (Continued)	
		Counting on a hundred Grid
		Couting by Twos
		Coutnting by Fives
1N1i count in 2s, 5s and 10s from any	Numbers (3)	Counting by Tens
given number 🔹	Normbers (5)	Count by Twos
		Count by Fives
		Count by Tens
		Count by 2s, 5s and 10s
Using Number Skills: Fractions, Decimals	, Percentages and Ratio	
		Halves
1N2a find halves in practical situations	Fractions	Is it Half?
		Halves and Quarters
1N2b recall halves up to 10 🔹	Patterns and Relationships	Doubles and Halves to 10
Using Number Skills: Calculate using me	ntal and written methods	
1N3a meatally recall 'one more' or a	Potteros and Relationships	1 More, 2 Less
oumber within 20		1 More, 10 Less
	Numbers (1)	Counting Forwards
1N3b mentally recall 'one less' of a number within 20 💠	Numbers (1)	Counting Backwards
1N3c use 'counting on' strategies to add		Adding to Ten
two collections, starting with the largesr	Add and Subtract	Model Addition
number, e.g. 8 + 5		Addition Facts
1N3d add and subtract numbers involving	Add and Subtract	Model Addition
		Addition Facts
		Adding to Ten
1N3a usa a raaga of stratagias ta		Model Addition
mostally solve problems within 10	Add and Subtract	Addition Facts
		Addictive Addition
		Adding to 10 Word Problems
1N3f solve one-step problems that involve addition and subtraction, including missing number problems, e.g. 7 + " = 9, using concrete objects and pictorial representations	Add and Subtract	Adding to 10 Word Problems

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Expectation	Topic	Activity
Using Number Skills: Colculate using me	atal and written methods (continue	d)
		Doubles and Halves to 10
1N3g use known facts to solve simple		Doubles and Halves to 20
problems within 10, e.g. doubling and	Patterns and Relationships	Adding to Make 5 and 10
halving, number bonds 🛛 🛠		Bolooce Numbers to 10
1N2h usa kaawa aumbar faata whaa		
adding three single digit numbers and	Pattoras and Palatianships	Adding in Any Order
realise addition can be done in any order �	Panems and Relationships	Add Three 1-Digit Numbers
		Model Addition
		Model Subtraction
1N3i understand and use the		Balance Numbers to 10
mothematical symbols for addition	Add and Subtract	Adding to Make 5 and 10
		Addictive Addition
		Addition Facts
		Add Three 1-Digit Numbers
		Subtraction facts to 18
	Add and Subtract	Model Addition
		Model Subtraction
1N3j understand and use the different		Balance Numbers to 10
mathematical terms for addition and		Adding to Make 5 and 10
subtraction, e.g. add, combine, find the		Addictive Addition
differe∩ce �		Addition Facts
		Add Three 1-Digit Numbers
		Subtraction facts to 18
1N4a make a sensible estimate of a		
number of objects that can be checked by		
counting		
massurement in length bright weight		Comparing Length
and conacity that can be checked using	Measurement	Everyday Length
		Everyday Mass
1N5a use different combinations of money		Everyday Money (GBP)
to pay for items up to 20p	Measurement	Money (GBP)
1N5b find totals and give change from	ve change from Measurement	Everyday Money (GBP)
10p		Money (GBP)
Using Measuring Skills: Length, weight/n	nass, capacity	
1M1 use non-standard units to measure:		Everyday Lenath
– length, height and distance		
– weight/mass	Measurement	Everyday Mass
- capacity		Measuring Length with Blocks

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Expectation	Горіс	Activity
Using Measuring Skills: Time		
their doily and weekly activities and the		
seasons of the year		
1M2b understand and order the days of		Dave of the Week
the week, the months and seasons of the	Measurement	
year in meaningful contexts 🛛 🗞		Months of the Year
1M2c use standard units of time to read		
'o'clock' using both analogue and 12-hour	Measurement	Tell Time to the Hour (UK)
digital clocks		
Using Measuring Skills: Temperature		
1M3 use descriptive words for a range of		
temperatures, e.g. cooler/warmer		
Using Measuring Skills: Area and volume	e, Angle and position	
1M4a make whole turns and half turns		
1M4h describe position direction and		Left or Right?
	Shape and Space	Where is it?
		Flip, Slide, Turn
Using Geometry Skills: Shape		
1G1a recognise and name common 2D		Coolect Simple Shapes
shapes (square, triangle, rectangle, circle	Shana and Shana	Collect the Shapes 1
and semi-circle) and SD snapes (cube,	Shape and Space	Match the Solid 1
begin to compare and sort *		Count Sides and Corners
1G1b use 2D and 3D shapes and describe		
how they fit together		
1G3 recognise and complete a		
symmetrical picture or simple shape	Shape and Space	Symmetry
Using Data Skills: Collectand record. Pre	esent and analyse data. Interpret da	ta
1D1a sort and classify objects using more		
than one criterion	Data	Sorting Data
1D1h collect information by votion or		Pictographs
sortion and represent it in pictures	Dete	Making Graphs
objects or drowings		Bar Chart
		Who has the Goods?

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Expectation	Торіс	Activity
Using Data Skills: Pattern		
1D3 demonstrate an understanding of repeating patterns, including shape and number, by describing, reproducing and extending. I	Patterns and Relaptionships	Simple Patterns
		Complete the Pattern
		Missing It!
		Pattern Error
	Numbers (3)	Count by Twos
		Count by Fives
		Count by Tens
		Count by 2s, 5s and 10s

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Expectation	Topic	Activity
Developing Numberical Reasoning: Ideat	ifving processes and connections	
		Order Numbers to 20
2R1a transfer mathematical skills to play and classroom activities	Numbers (1)	Compare Numbers to 20
		1st to 31st
		Balance Numbers to 20
2RIb identity steps to complete the task	Add and Subtract	All about Twenty
or reach a solution		Problems: Add and Subtract
2015 colored an annual visite month and stice and		Balance Numbers to 20
2 RIC select appropriate mathematics and	Add and Subtract	All about Twenty
techniques to use		Problems: Add and Subtract
		All about Twenty
		Add Three 1-Digit Numbers
	Add and Subtract	Balance Numbers to 20
		Addictive Addition
		Simple Subtraction
2R1d select and use relevant number		Doubles and Halves to 20
facts and mental strategies		Counting by Fives
	Patterns and Relationships	Counting by Tens
		Counting by 2s, 5s and 10s
		Odd or Even
		1 More, 10 Less
		10 More, 10 Less
2R1e select appropriate equipment and		
resources		
281f use knowledge and practical		
experience to inform estimations		
Developing Numberical Reasoning: Repr	esent and communicate	
202		
2R2a Use everyday and mathematical		
language to talk about their own ideas		
and choices		
2R2b present work orally, pictorially and		lallies
in written form, and use a variety of ways to represent collected data	Data	Picture Graphs
		Column Graphs
		Interpreting Tables
2R2c devise and refine informal, personal	Add and Subtract	Addictive Addition
methods of recording, moving to using		Simple Subtraction
words and symbols in number sentences		Balance Numbers to 20

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Expectation	Торіс	Activity
Developing Numberical Reasoning: Review		
2R3a use checking strategies to decide if		Addictive Addition
		Simple Subtraction
answers are reasonable	Add and Subtract	Balance Numbers to 20
		Problems: Add and Subtract
2R3b interpret onswers within the context		
of the problem and consider whether	Add and Subtract	Problems: Add and Subtract
ooswers ore seosible		
2R3c interpret information presented in		Interpreting Tobles
chorts and diagrams and draw	Dete	Picture Grophs
enprepriete esselucions	Daia	Columo Grophs
appropriate conclusions	ad relationships	
Osing Nomber Skills: Ose nomber facts o		Count hu Turo
2N1a count sets of objects by grouping in	Patterna and Palatingshing	
2s, 5s or 10s	Patierns and Relationships	
		Counting by Len
		Count by 2s, 5s, ius
2N1b recite numbers beyond 100,		
forwards and backwards and from		
different starting points 🔹		
	Numbers (2)	Counting on a 100 grid
2N1c read and write numbers to at least		Number Line Order
100 🔺		Going Up
		Going Down
		Order Numbers to 20
	Numbers (1)	Compare Numbers to 20
		Before, After & Between to 20
		Compare Numbers to 50
	Numbers (2)	Number Line Order
2N1d compare and order 2-diait numbers		The Number Line
		Compare Numbers to 100
		Which is Bigger?
	Numbers (3)	Which is Smaller?
		Before After & Between to 100
		Arronging Numbers
2N1e demonstrate on understanding of		Place Value 1
	Numbers (2)	Moking Big Numbers
place value up to at least 100 🛛 🛪		Muking big Multibers

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Exportation	Tonio	Activity	
Using Number Skills: Use number facts o	ad relationships (Continued)	Activity	
Sang Norriber Skins. Ose norriber racis o		1 More 10 Loss	
2N1f use mental recall of number facts to		10 More 10 Loss	
10 to derive other facts, i.e.:	Patterns and Relationships (1)	Doubles and Holves to 20	
 doubling and halving, e.g. derive 		Odd or Evon	
40 + 40 from knowing 4 + 4			
– bonds of 10, e.g. derive 60 + 40 from	Add and Subtract	Bolooce Numbers to 20	
knowing 6 + 4	Add and Subfract	Add 2 Numbers Using Number Boads	
	Pottorog and Polationships (1)	Doubles and Holyas to 20	
2N1b recall doubles up to 20 v	Parterns and Relationships (1)		
	Patterns and Relationships (1)	Odd or Even	
		Counting by Twos	
		Count by Twos	
2N1i count on in 2s. 5s and 10s from any		Counting by Fives	
	Patterns and Relationships (2)	Count by Fives	
		Counting by Tens	
		Count by Tens	
		Count be 2s, 5s and 10s	
		Groups of Two	
2N1j recall and use 2, 5 and 10	Multiply and Divide	Groups of Five	
multiplication tables		Groups of Ten	
		Model Multiplication to 5×5	
2N1k begin to link multiplication with	Multiply and Divide	Groups of Two	
		Groups of Five	
		Groups of Ten	
		Dividing by Two	
simple division, e.g. grouping and sharing		Dividing by Five	
in 2s, 5s and ius 🔹		Dividing Tens	
		Multiplcation Arrays	
		Make Fair Shares	
2N1I use and record ordinal numbers in	NI	1	
practical situations 🔹	Numbers (I)		
2N1m read and write number words to			
100 🗇			
Using Number Skills: Fractions, Decimals, Percentages and Ratio			
2N2a find halves and quarters in practical			
situations			
2N2b partition 2-digit numbers and know		Place Value 1	
the value of each diait 🚸	Numbers (2)	Make Big Numbers Count	
Using Number Skills: Calculate using me	ng mental and written methods		
2N30 mentally add 10 or 20 to a given			
	Patterns and Relationships (1)	10 More, 10 Less	

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Expectation	Торіс	Activity
Using Number Skills: Calculate using me		
2N3b mentally subtract 10 or 20 from a	Detterree and Deletienskips (1)	10 More, 10 Less
	Farterns and Relationships (1)	1 More, 10 Less
	Add and Subtract	Subtract Tens
2N3c find small differences within 20 by using 'counting on' strategies	Add and Subtract	Simple Subtraction
2N3d use mental recall of number facts		Balance Numbers to 20
to 10 and place value to add or subtract	Add and Subtract	Balance Additions to 20
10		Addictive Addition
2N3e find a small difference between two numbers by counting on, e.g. 44 – 28 = " �	Add and Subtract	Simple Subtraction
2N3f solve one- and two-step problems that involve addition and subtraction, multiplication and simple division including missing number problems, e.g. 40 – " = 19 III	Add and Subtract	Missing Numbers
2N3g use partitioning strategies to double and halve 2-diait numbers		
		Groups of Two
2N3h understand that multiplication is	Multiply and Divide	Groups of Five
repeated addition, e.g. 2 + 2 + 2 is the		Groups of Ten
same as 'three twos' 🔹		Multiplication Arrays
		Frog Jump Multiplication
2N3i add/subtract 9 or 11 from given number by adding/subtracting 10 and adjusting �		
	Add and Subtract	Balance Additions to 20
2N3j understand and use mathematical		All About Twenty
symbols for addition, subtraction,		Missing numbers
multiplication, division and equals 🛛 💠	Multiply and Divide	Multiplication Arrays
· · · · ·		Frog Jump Multiplication

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Expectation	Торіс	Activity
Using Number Skills: Calculate using me	ntal and written methods (Continue	d)
		Add Three 1-Digit Numbers
		Add 3 Numbers Using Bonds
		All About Twenty
		Addictive Addition
	Add and Subtract	Balance Numbers to 20
		Balance Numbers to 20
		Simple Subtraction
2N3k understand and use the different		Problems: Add and Subtract
mathematical terms for addition.		Subtract Tens
subtraction. multiplication. division and		Missing Numbers
eauals. e.a. find the total. share.		Groups of Two
goes into		Groups of Five
		Groups of Ten
		Dividing by Two
	Multiply and Divide	Dividing by Five
		Dividing lens
		Multiplicatoin Arrays
		Model Multiplication to 5 x 5
		Make Fair Shares
Lisian Number Skills, Estimate and check		Frog Jornp Moniplication
		Balaace Numbers to 20
2N4o use checking strategies, – repeat		Balance Numbers to 20
addition in a different order – use bolving	Add and Subtract	All About Twenty
and doubling within 20		Addictive Addition
	Potteros and Relationships (1)	Double and Halves to 20
2N4b make a sensible estimate of	Measurement	How Long is That?
measurement in length, height, weight		How Heavy?
and capacity that can be checked Using		
Using Number Skills: Manage maney		How Foll?
2N5o use different combinations of		W/ba has the Maaev? (GBP)
modey to pay for items up to f1	Measurement	Identify Everyday Maney (GBP)
2N5b find totals and give change from		Who has the Magev? (GBP)
multiples of 10p	Measurement	Identify Everyday Maney (GBP)
Using Measuring Skills: Length, weight/m	nass. capacity	
2M1a use standard units to measure:		How Long is that?
 length, height and distance: metres, half 	Measurement	
metres or centimetres		Measure to the Nearest Half Centimetre
– weight/mass: kilograms or 10 gram		How Heavy?
– capacity: litres		How Full?

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Expectation	Торіс	Activity
Using Measuring Skills: Length, weight/m	nass, capacity (continued)	
2M1b use symbols related to length,	Measurement	How Long is that?
		Measure to the Nearest Half Centimetre
weight/mass and capacity 🔹		How Heavy?
		How Full?
Using Measuring Skills: Time		
2M2a read hours and minutes on a 12-		Tell Time to the Hour
hour digital clock	Measurement	Tell Time to the Half Hour (UK)
		Quarter to and Quarter past
ZMZb record the days of the week, the	Measurement	Days of the Week
months and seasons of the year 🔹		
2M2c read 'half past', 'quarter past' and		Tell Time to the Hour
'quarter to' on an analogue clock	Measurement	
Listen Messenien Citile. Terrenensture		Quarter to and Quarter past
Using Measuring Skills: Temperature		
2M3 compare daily temperatures using a thermometer (°C)		
Using Measuring Skills: Area and volume	, Angle and position	
2M4a recognise half and quarter turns, clockwise and anti-clockwise	Shape and Space	Flip, Slide, Turn
2M4b recognise that a quarter turn is a		
right angle		
2M4c use mathematical vocabulary to		Flip, Slide, Turn
describe position, direction and	Shape and Space	Left or Right?
movement 🌣		Where is it?
Using Geometry Skills: Shape		
2G1a recognise and name regular and	Shape and Space	Collect the Shapes
irregular 2D and 3D shapes, understand		Relate Shapes and Solids
and use the properties of shape 🔹		Match the Solids 2
		Count Sides and Corners
2G1b make increasingly more complex or		
accurate models with 3D shapes and		
tessellate 2D shapes 🔹		
Using Geometry Skills: Movement		
2G3 identify a line of symmetry for 2D		Symmetry
shapes and complete symmetrical	Shape and Space	
Using Data Skills: Collectand record, Pres	sent and analyse data, Interpret da	
2D1a sort and classify objects using more		
than two criterion 🛛 🍄		

Primary National Curriculum Alignment for Wales

Expectation	Торіс	Activity	
Using Data Skills: Collectand record, Present and analyse data, Interpret data (Continued)			
2D1b gather and record data from: – lists and tables	Data C	Tallies	
– diagrams		Picture Graphs	
 block graphs pictograms where the symbol 		Column Graphs	
represents one unit		Interpreting Tables	
2D1c extract and interpret information from lists, tables, diagrams and graphs	Data	Tallies	
		Picture Graphs	
		Column Graphs	
		Interpreting Tables	

Year 3

Primary National Curriculum Alignment for Wales

Expectation Activity Topic Developing Number Reasoning: Identifying processes and connections Add and Subtract Problems: Add and Subtract 3R1a transfer mathematical skills to a variety of contexts and everyday situations Multiply and Divide Multiplication Problems 1 3R1b identify the appropriate steps and Add and Subtract Problems: Add and Subtract information needed to complete the task Multiply and Divide **Multiplication Problems 1** or reach a solution Skip Counting Count Forward Patterns **Count Backward Patterns** 3R1c select appropriate mathematics and Patterns and Relationships Pyramid Puzzles 1 techniques to use Missing Values Partition Puzzles 1 Bar Model Problems 1 How Long is That? Measure to the Nearest Half Centimetre 3R1d select and use suitable instruments Meaurement How Heavy? and units of measurement Which Unit of Measurement? Temperature Problems: Add and Subtract Fact Families: Add and Subtract Related Facts 1 Complements to 10, 20, 50 3R1e choose an appropriate mental or Add and Subtract- Mental Complements to 50 and 100 written strategy and know when it is Estimate Sums appropriate to use a calculator Estimate Differences Find the Missing Number 1 Problems: Add and Subtract Multiply and Divide Multiplication Problems 1 How Long is That? Measure to the Nearest Half Centimetre 3R1f estimate and visualise size when Meaurement How Heavy? measuring and use the correct units Which Unit of Measurement? Temperature Developing Number Reasoning: Represent and communicate 3R2a explain results and procedures clearly using mathematical language

For guides, training and support visit www.3plearning.com/training

Primary National Curriculum Alignment for Wales

Expectation	Торіс	Activity
Developing Number Reasoning: Represer		
		Columns that Add
		Columns that Subtract
3R2b refine informal methods of		Column Addition 1
recording written calculations, moving to	A data and Culature at	Column Subtraction
formal methods of calculation when	Add and Subtract	Add Two 2-Digit Numbers
developmentally ready		Add Three 2-Digit Numbers
		Subtract Numbers
		2-Digit Differences
		How Long is That?
2020 upp annuariate estation symphole		Measure to the Nearest Half Centimetre
SR2c Use appropriate notation, symbols	Measurement	How Heavy?
and Units of measurement		Which Unit of Measurement?
		Temperature
		Picture Graphs
3P2d select and construct oppropriate		Interpreting Tables
sharts, diagrams and graphs with suitable	Dete	Reading from a Column Graph
charis, alagrams and graphs with solitable		Venn Diagrams
scales		Add and Subtract Using Graphs
		Caroll Diagram
3R2e recognise, and generalise in words,	Patterns and Relationships	Count Forward Patterns
patterns that arise in numerical, spatial or		Count Backward Patterns
practical situations 🔹		Skip Counting
3P2f visualise and describe shapes		How many Edges?
movements and transformations	Shape	How many Faces?
		How many Corners?
Developing Number Reasoning: Review		
		Problems: Add and Subtract
		Fact Families: Add and Subtract
		Related Facts 1
3R3a select from an increasing range of	Add and Subtract- Mental	Complements to 10, 20, 50
checking strategies to decide if answers		Complements to 50 and 100
are reasonable		Estimate Sums
		Estimate Differences
		Find the Missing Number 1
	Multiply and Divide	Multiplicaton Promblems 1

Primary National Curriculum Alignment for Wales

Expectation	Торіс	Activity		
Developing Number Reasoning: Review				
		Problems: Add and Subtract		
		Fact Families: Add and Subtract		
		Related Facts 1		
3R3b interpret answers within the context		Complements to 10, 20, 50		
of the problem and consider whether	Add and Subtract- Mental	Complements to 50 and 100		
answers, including calculator, analogue		Estimate Sums		
and digital displays, are sensible		Estimate Differences		
		Find the Missing Number 1		
		Problems: Add and Subtract		
		Picture Graphs		
2D2 data a charte e franc data a d		Interpreting Tables		
SR3c draw conclusions from data and	Data	Reading from a Column Graph		
misloadiag or upportain	Data	Venn Diagrams		
		Add and Subtract Using Graphs		
		Caroll Diagram		
Using Number Skills: Use number facts c	and relationships			
2N1a read and write symplers to 1,000	Number and Place Value to 1000	Model Numbers		
Sivia read and write numbers to 1000		Place Value 2		
	Number and Place Value to 100	Which is Bigger?		
		Which is smaller?		
3N1b compare and estimate with		Greater or Less to 100		
numbers up to 100		Compare Numbers to 100		
		Before, After & Between to 100		
		Arranging Numbers		
		Place Value 2		
3N1c explain the value of a digit in		Partition and Rename 1		
numbers up to 1 000	Number and Place Value to 1000	Place Value Partitioning		
		Expanding Numbers		
		Model Numbers		
3N1d use mental strategies to recall	Add and Subtract- Mental	All about Twenty		
number facts within 20		Complements to 10, 20 and 50		
		Groups of Three		
3N1e recall 2, 3, 4, 5 and 10		Groups of Four		
multiplication tables and use to solve	Multiply and Divide	Dividing I wos		
multiplication and division problems		Dividing Fives		
		Multiplication Problems 1		

Primary National Curriculum Alignment for Wales

Expectation	Торіс	Activity
Using Number Skills: Use number facts a	nd relationships (Continued)	
3N1f multiply numbers by 10		
3N1g identify multiples of 2, 3, 4, 5 and 10; use the term multiple 🔹	Multiply and Divide	Multiples of
3N1h identify odd and even numbers up	Potterne and Polationships	Odd or Even
to 1 000 🔹	Patterns and Relationships	Odd and Even Numbers 1
Using Number Skills: Fractions, decimals	percentages and ratios	
2NI2e use helves and supertors	Fractions	Halves and Quarters
Sinza use haives and quarters	Fractions	Partition into Equal Parts
3N2b halve 2-digit numbers in the context of number, money and measures		
3N2c find fractional quantities linked to	Fractions	Unit Fractions
known multiplication facts, e.g. 1 / 3 of 18,	Fractions	Fractions of a Collection 1
3N2d recognise a quarter as a half of a half 🔹		
Using Number Skills: Calculate using me	ntal and written methods	
	Add and Subtract - Mental	Estimate Differences
3N3a find differences within 100		Related Facts 1
		Find the Missing Number 1
3N3b use mental strategies to add and	Add and Subtract - Mental	Addictive Addtion
		Subtract Numbers
		Find the Missing Number 1
3N3c use partitioning to double and halve 2-digit numbers		
3N3d define a negative number as being		
less than 0 🔹		
Using Number Skills: Estimate and check		
		Fact Families: Add and Subtract
3N4a check subtraction using addition	Add and Subtract - Mental	Related Facts 1
		Find the Missing Number 1
3N4b check halving using doubling	Patterns and Relationships	Doubles and Halves to 20
3N4c check multiplication using repeated addition	Multiply and Divide	Frog Jump Multiplication
Using Number Skills: Manage money		
3N5a to pay for items up to ± 2 and	Meosurement	Money - Adding (GBP)
calculate the change		Who has the Money?
3N5b order and compare items up to ± 10		
3N5c record money spent and saved		

Primary National Curriculum Alignment for Wales

Expectation	Topic	Activity
Using Measuring Skills: Length, weight/m	nass, capacity	
3M1a recognise that perimeter is the distance around a shape	Measurement	Perimeter of Shapes
3M1b use standard units to estimate and measure:		Measure to the Nearest Half Centimetre
– length: measure on a ruler to the nearest ½ cm	Management	How Long is That?
– weight/mass: use 5g, 10g and 100g weights	Measurement	How Heavy?
 capacity: use litres and half litres; measure to the nearest 100ml 		Temperature
Using Measuring Skills: Time		
3M2a tell the time to the nearest 5 minutes on an analogue clock and calculate how long it is to the next hour	Measurement	Five Minute Times
3M2b read hours and minutes on a 12- hour digital clock using am/pm conventions	Measurement	Quarter to and Quarter past
3M2c calculate start times, finish times and durations using hours, 30-minute intervals and 15-minute intervals III	Measurement	Elapsed Time
Using Measuring Skills: Temperature		
3M3 take temperature readings using thermometers and interpret readings above and below 0°C	Measurement	Temperature
Using Measuring Skills: Area and volume	, Angle and position	
3M4a find areas by counting squares	Space	Area of Shapes Biggest Shape Equal Areas
3M4b identify right angles 🛛 🛠	Shape	Right Angle Relation
3M4c recognise that two right angles make a half turn, and that four right angles make a full turn 🔹		
3M4d describe an angle as more or less than a right angle 🔹	Shape	Right Angle Relation
3M4e use the four compass points to describe directions	Space	What Direction was That?

Primary National Curriculum Alignment for Wales

Expectation	Topic	Activity
Using Geometry Skills: Shape		
3G1a recognise and classify triangles, squares, rectangles, pentagons	Shape	Collect the Shapes 1
and hexagons, including irregular cases 🛛 🚸		Collect More Shapes
3G1b identify congruent shapes 🔹		
3G1c recognise 3D shapes, including prisms 💠		
Using Geometry Skills: Construction		
3G2 draw lines to the nearest half centimetre �		
Using Geometry Skills: Movement		
3G3a identify lines of symmetry in 2D	Shape	Symmetry
		Lines of Symmetry
3G3b draw horizontal and vertical lines of symmetry 🚸		
Using Algebra Skills: Number Sequences		
3A1a explore sequences of whole numbers involving addition and subtraction, e.g. counting in 2s, 3s and 4s from different starting points 🔅	Patterns and Relationships (1)	Skip Counting Skip Counting with Coins Count Forward Patterns Count Backward Patterns
	Multiply and Divide	Groups of Three Groups of Four
3A1b write the next two (or more) terms in sequences that involve addition or subtraction �	Patterns and Relationships (1)	Count by 2s, 5s and 10s
Using Algebra Skills: Function Graphs		
3A3 use one and two step function machines to generate input and output involving addition and subtraction within 100; express, in words, the operations of function machines �		
Using Algebra Skills: Equations and inequ	ualities	
3A4a find an 'unknown' in one step equations and use this to derive other	Patterns and Relationships (2)	Missing Vaules
tacts, e.g. 37 + " = 100 therefore 100 – 37 = " �	Add and Subtract - Mental	Fact Families: Add and Subtract Related Facts 1

Primary National Curriculum Alignment for Wales

Expectation	Торіс	Activity	
Using Algebra Skills: Equations and inequalities			
	Number and Place Value (1)	Ascending Order	
3A4b list numbers that are 'greater than'		Descending Order	
or 'less than' another number 🛛 🚸		Which is Less?	
		Which is More?	
3A4c read statements about numbers expressed using an inequality sign, e.g. 6 > 4 �	Number and Place Value (1)	Compare Numbers to 100	
Using Data Skills:			
		Interpreting Tables	
- lists tolly charts tables and diagrams	Statistics	Tallies	
 bar charts and bar line graphs labelled in 2s, 5s and 10s pictograms where one symbol represents more than one unit using a key Venn and Carroll diagrams 		Caroll Diagram	
		Pictographs	
		Bar Graphs 1	
		Bar Graphs 2	
		Reading from a Bar Chart	
		Interpreting Tables	
		Tallies	
3D1b extract and interpret information		Caroll Diagram	
from charts, timetables, diagrams and	Statistics	Pictographs	
graphs.		Bar Graphs 1	
		Bar Graphs 2	
		Reading from a Bar Chart	

Primary National Curriculum Alignment for Wales

Yeor 4

Expectation	Торіс	Activity
Developing Number Reasoning: Identify	ing processes and connections	
4R1a transfer mathematical skills to a	Add and Subtract - Mental	Find the Missing Number 1
variety of contexts and everyday situations		Problems: Add and Subtract
		Problems: Add and Subtract
4R ID Identify the appropriate steps and	Add and Subtract - Mental	Related Facts 1
Information needed to complete the task		Find the Missing Number 1
or reach a solution	Multiply and Divide - Written	Related Facts 2
		Problems: Add and Subtract
	Add and Subtract - Mental	Related Facts 1
		Find the Missing Number 1
4R1c select appropriate mathematics and	Multiply and Divide - Written	Related Facts 2
techniques to use		Pick the Next Number
		Describing Patterns
	Patterns and Relationships	Count Forwards Patterns
		Count Backwards Patterms
4R1d select and use suitable instruments		Measuring Length
and units of measurement	Measurement	How Heavy?
		Problems: Add and Subtract
		Fact Familes: Add and Subtract
		Complements to 10, 20, 50
		Complements to 50 and 100
	Add and Subtract - Mental	Related Facts 1
		Estimate sums
1Pla chaosa ao appropriate mental ar		Estimate Differences
written strategy and know when it is		Find the Missing Number 1
appropriate to use a calculator		Pyramid Puzzles 1
		Groups of Three
		Groups of Four
	Multiply and Divide - Facts	Groups of Six
	Momply and Divide - 1 dels	Dividing Threes
		Dividing Fours
		Dividing Sixes
	Multiply and Divide - Written	Related Facts 2
4R1f estimate and visualise size when measuring and use the correct units	Measurement	Measuring Length
		How Heavy?

Primary National Curriculum Alignment for Wales

Expectation	Торіс	Activity
Developing Number Reasoning: Represen	nt and communicate	
4R2a explain results and procedures clearly using mathematical language		
4R2b refine informal methods of	Add and Subtract - Written	Strategies for Column Addition (UK) Subtract Numbers: Regoup Add Numbers: Regroup a Ten Add Two 2-Digit Numbers 2-Digit Differences 2-Digit Differences: Regroup Add Three 2-Digit Numbers Add Three 2-Digit Numbers: Regroup (UK)
formal methods of calculation when developmentally ready	Multiply and Divide - Written	Add Three 2-Digit Normbers: Regroup (OK)Multiply: 2-Digit by 1-DigitMultiply: 1-Digit NumberMultiply 1-Digit Number, RegroupMental Methods Multiplication 1Divide: 1-Digit DivisorMental Methods DivisionGrid Methods 1Related Facts 2
4R2c use appropriate notation, symbols and units of measurement	Measurement	Measuring Length Perimeter Using a Litre How Heavy? Temperature
4R2d select and construct appropriate charts, diagrams and graphs with suitable scales		
4R2e recognise, and generalise in words, patterns that arise in numerical, spatial or practical situations	Patterns and Relatioships	Pick the Next Number Describing Patterns Count Forward Patterns Count Backward Patterns

Primary National Curriculum Alignment for Wales

Expectation	Торіс	Activity
Developing Number Reasoning: Represen	nt and communicate	
	Space	What Direction was That?
		Map Coordinates
4P2f visualise and describe shapes		Sides, Angles and Diagonals
movements and transformations		Collect More Shapes
	Shape	Faces, Edges and Vertices
		Collect the Polygons
		Triangle Tasters
Developing Number Reasoning: review		
4R3a select from an increasing range of		Estimate Sums
checking strategies to decide it answers	Add and Subtract - Mental	Estimate Differences
		Problems: Add and Subtract
		Fact Familes: Add and Subtract
		Complements to 10, 20, 50
4R3D Interpret answers within the context		Complements to 50 and 100
of the problem and consider whether	Add and Subtract - Mental	Related Facts 1
and digital displays are seasible		Estimate Sums
and digital displays, are sensible		Estimate Differences
		Find the Missing Number 1
		Pyramid Puzzles 1
4R3c draw conclusions from data and		Bar Graphs 1
misleading or uncertain	Data	Line Graphs: Interpretation
Using Number Skills: Use number facts a	nd relationships	
		Model Numbers
	Number and Place Value to 1000	Place Value 2
ANIa road and write aumbars to		Partition and Rename 1
		Place Value Partitioning
	Number and Place Value to	Place Value to Thousands
	10 000	Place Value 3
		Partition and Rename 2
4N1b compare and estimate with numbers up to 1 000		

Primary National Curriculum Alignment for Wales

Expectation	Topic	Activity
Using Number Skills: Represent and com	municate (Continues)	, centry
		Groups of Two
		Groups of Three
	Multiply and Divide - Facts	Groups of Four
		Groups of Five
4514		Groups of Six
4NIC use mental strategies to recall		Groups of Ten
multiplication tables for 2, 3, 4, 5, 6 and		Dividing Twos
10 and use to solve division problems		Dividing Threes
		Dividing Fours
		Dividing Fives
		Dividing Sixes
		Dividing Tens
4N1d multiply and divide numbers by 10 and 100	Multiply and Divide - Facts	Place Value 1 (×10 and ÷10)
		Groups of Two
		Groups of Three
		Groups of Four
	Multiply and Divide - Facts	Groups of Five
ANIA ideatify mythinka of 2, 2, 4, 5, 6		Groups of Six
4Nie identity multiples of 2, 3, 4, 5, 6		Groups of Ten
and IO; use the terms multiple and factor		Dividing Twos
*		Dividing Threes
		Dividing Fours
		Dividing Fives
		Dividing Sixes
		Dividing Tens
Using Number Skills: Fractions, decimals	, percentages and ratio	
4N2a halve 3-digit numbers in the context of number, money and measures		
		Unit Fractions
4NZD find fractional quantities using	Fractions	Fraction Fruit Sets 1
known table tacts, e.g. 1 / 6 of 30cm		Fractions of a Collection 2
		Model Fractions
4N2c recognise fractions that are several parts of a whole, e.g. $2 / 3$, $3 / 10$	Fractions	Thirds and Sixths
		Part-whole Rods 1
		What Fraction is Shaded?
		What Mixed Number is Shaded?

Primary National Curriculum Alignment for Wales

Expectation	Торіс	Activity
Using Number Skills: Calculate using me	ntal and written methods	
	Add and Subtract - Mental	Problems: Add and Subtract
		Fact Families: Add and Subtract
		Complements to 10, 20, 50
		Completements 10 50 and 100
3N30 find differences within 100		Estimate Differences
SNSU find differences within 100		Find the Missing Number 1
		Pyramid Puzzles 1
		2-Digit Differences
	Add and Subtract - Written	Subtract Numbers: Regroup
		2-Digit Differences: Regroup
		Problems: Add and Subtract
		Fact Families: Add and Subtract
		Complements to 10, 20, 50
3N3b use meetal strategies to odd ood	Add and Subtract - Mental	Completements 10 50 and 100
subtract 2-digit sumbars		Related Facts 1
		Estimate Sums
		Estimate Differences
		Find the Missing Number 1
		Pyramid Puzzles 1
3N3c use partitioning to double and halve		
2-digit numbers		
3N3d define a negative number as being		
less than 0 🔹		
Using Number Skills: Estimate and check		
4N4a check answers using inverse	Add and Subtract Mantal	Fact Families: Add and Subtract
operations	Add and Subtract - Mental	Related Facts 1
4N4b estimate by rounding to the nearest	Number and Disco Value to 1000	Nearest 10?
10 or 100	Number and Place value to 1000	Nearest 100?
Using Number Skills: Manage money		
4N5a use money to pay for items up to		Llow Much choose 2 (CRD)
£10 and calculate the change	Measurement	now which change? (GBP)
4N5b order and compare items up to		
£100		

Primary National Curriculum Alignment for Wales

Expectation	Topic	Activity
Using Number Skills: Manage money (Co	ntinued)	
4N5c add and subtract totals less than £10 using correct notation, e.g. £6.85 – £2.76		
4N5d manage money, compare costs from different retailers and determine what can be bought within a given budget Using Measuring Skills: Length, weight/r	noss copocity	
AMIa massure and calculate the		
perimeter of squares and rectangles	Measurement	Perimeter: Squares and Rectangles
1M1h salaat and use appropriate		Measuring Length
standard units to astimate and massure	Maasuramaat	Using a Litre
leagth weight/mass and capacity	Medsorement	How Heavy?
lengin, weight/mass and capacity *		Temperature
4M1c measure on a ruler to the nearest mm and record using a mix of units, e.g. 1cm 3mm		
4M1d measure capacities to the nearest 50ml or 100m		
4M1e convert metric units of length to		Converting Units of Length
smaller units, e.g. cm to mm, m to cm, km to m	Measurement	Kilometre Conversions
4M1f choose appropriate metric units to	Meosurement	Measuring Length
capacity 🔹	Medsorement	How Heavy?
Using Measuring Skills: Time		
4M2a tell the time to the nearest minute on analogue clocks		
4M2b read hours and minutes on a 24- hour digital clock		
4M2c time and order events in seconds		
4M2d use calendars to plan events		
4M2e calculate start times, finish times and durations using 5-minute intervals 🔹		
4M2f convert between 12- and 24-hour clock times 💠		

Primary National Curriculum Alignment for Wales

Expectation	Topic	Activity
Using Measuring Skills: Time (Continued)		, centry
4M2g estimate the number of minutes everyday activities take to complete 🔹		
Using Measuring Skills: Temperature		
4M3 take temperature readings using thermometers and interpret readings above and below 0°C		
Using Measuring Skills: Area and volume	, Angle and position	
4M4a recognise volume in practical contexts	Space	Comparing Volume
4M4b use a protractor to check if an		Equal Angles
angle is more or less than a right angle	Space	What Type of Angle?
		Measuring Angles
4M4c use eight compass points to describe direction	Space	What Direction was That?
Using Geometry Skills: Shape		
4G1a recognise, classify and sketch polygons with up to eight sides, including	Shape	Collect More Shapes
irregular shapes 🔹		Collect Polygons
4G1b recognise and classify 3D shapes, using their own criteria 🔹	Shape	Faces, Edges and Vertices
Using Geometry Skills: Construction		
4G2a draw lines to the ∩earest millimetre �		
4G2b recognise and draw perpendicular		
Using Geometry Skills: Movement		
4G3a draw lines of symmetry 🔹		
4G3b draw the reflection of a shape in a		
horizontal or vertical line 🔹		
Using Algebra Skills: Number Sequences		
4A1a explore sequences of positive whole		Pick the Next Number
numbers involving addition and	Patterns and Relationships	Describing Patterns
10s from different starting points		Count Forward Patterns
		Pick the Next Number
4A1b write the next two (or more) terms in sequences that involve addition or subtraction �		Describing Potterns
	Patterns and Relationships	Count Forward Patterns
		Count Backward Patterns

Primary National Curriculum Alignment for Wales

Expectation	Торіс	Activity
Using Algebra Skills: Functions and grap	hs	
4A3 use one and two step function machines to generate input and output using all four operations; express, in words, the operations of function machines �		
Using Algebra Skills: Equationa dn inequ	alities	
4A4a use < > to describe whether a number is less than or greater than another �	Number and Place Value to 1000	Compare Numbers to 100
4A4b find an 'unknown' in two step equations, e.g. 4 x " + 1 = 25 🔹		
Using Data Skills: Collect and record dat	a, Present and analyse data, Iterpre	et data
4D1a represent data using: – lists, tally charts, tables and diagrams – bar charts and bar line graphs labelled in 2s, 5s and 10s – pictograms where one symbol represents more than one unit using a key – Venn and Carroll diagrams		
4D1b extract and interpret information from charts, timetables, diagrams and graphs.	Data	Bar Graphs 1 Line Graphs: Interpretation Carroll Diagam Venn Diagram 1

Primary National Curriculum Alignment for Wales

Expectation	Торіс	Activity	
Developing Number Reasoning: Identifying processes and connections			
		Estimate Sums	
5P1a traasfor mothematical skills to a		Estimate Differences	
veriety of costovits and even day situations	Add and Subtract - Mental	Split Add and Subtract	
valiety of comexis and everyday shouldness		Bump Add and Subtract	
		Pyramid Puzzles 2	
		Estimate Sums	
5R1b identify the appropriate steps and		Estimate Differences	
information needed to complete the task	Add and Subtract - Mental	Split Add and Subtract	
or reach a solution		Bump Add and Subtract	
		Pyramid Puzzles 2	
		Estimate Sums	
5P1c select appropriate mothematics and	Add and Subtract - Mental	Estimate Differences	
techniques to use		Split Add and Subtract	
		Bump Add and Subtract	
		Pyramid Puzzles 2	
5R1d select and use suitable instruments		Meausring Length	
and units of measurement	Measurement	Measure to the Nearest Half Centimetre	
		Estimate Sums	
5R1e choose an appropriate mental or		Estimate Differences	
written strategy and know when it is	Add and Subtract - Mental	Split Add and Subtract	
appropriate to use a calculator		Bump Add and Subtract	
		Pyramid Puzzles 2	
5R1f estimate and visualise size when		Meausring Length	
measuring and use the correct units	Measurement	Measure to the Nearest Half Centimetre	
Developing Number Reasoning: Represent and Communicate			
5R2a explain results and procedures			
clearly using mathematical language			

Primary National Curriculum Alignment for Wales

Expectation	Торіс	Activity	
Developing Number Reasoning: Represent and Communicate (Continued)			
		Problems: Add and Subtract	
	Add and Subtract - Mental	Fact Families: Add and Subtract	
		Complements to 10, 20 and 50	
		Complements to 50 and 100	
		Related Facts 1	
		Estimate Sums	
		Estimate Differences	
		Find the Missing Number 1	
		Pyramid Puzzles 1	
		Strategies for Column Addition	
		Subtract Numbers: Regroup	
5R2b refine informal methods of		Add Numbers: Regroup a Ten	
recording written calculations, moving to	Add and Subtract - Written	Add Two 2-Digit Numbers	
formal methods of calculation when	Add and Sobhaci Willien	2-Digit Differences	
developmentally ready		2-Digit Differences: Regroup	
		Add Three 2-Digit Numbers	
		Add Three 2-Digit Numbers: Regroup	
	Multiply and Divide - Written	Multiply: 2-Digit by 1-Digit	
		Multiply: 1-Digit Number	
		Multiply: 1-Digit Number, Regroup	
		Mental Methods Multiplication	
		Divide: 1-Digit Divisor 1	
		Mental Methods Division	
		Grid Methods 1	
		Related Facts 2	
5R2c use appropriate notation, symbols			
and units of measurement			
5R2d select and construct appropriate			
charts, diagrams and graphs with suitable			
scoles			
		Describing Patterns	
5R2e recognise, and generalise in words,	Patterns and Relationships	Count Forward Patterns	
patterns that arise in numerical, spatial or practical situations		Count Backward Patteros	
		Pick the Next Number	

Primary National Curriculum Alignment for Wales

Expectation	Торіс	Activity
Developing Number Reasoning: Identifyin	ng processes and connections (Con	tinued)
		Symmetry or Not?
	Shapes	Sides, Angles and Diagonals
		Collect More Shapes
		Faces, Edges and Vertices
		Collect the Polygons
5R2f visualise and describe shapes,		Triangle Tasters
movements and transformations $~~ \diamondsuit$		What Direction was That?
		Equal Angles
	Space	What Type of Angle?
	Space	Measureing Angles
		Map Coordinates
		Scale
Developing Number Reasoning: Review		
5R3a select from an increasing range of checking strategies to decide if poswers	Add and Subtract - Mental	Estimate Sums
are reasonable		Estimate Differences
		Problems: Add and Subtract
		Fact Families: Add and Subtract
		Complements to 10, 20 and 50
of the problem and aposider whether		Complements to 50 and 100
	Add and Subtract - Mental	Related Facts 1
and digital displays are seasible		Estimate Sums
and digital displays, are sensible		Estimate Differences
		Find the Missing Number 1
		Pyramid Puzzles 1
		Divided Bar Graphs
		Pie Charts
5R3c draw conclusions from data and recognise that some conclusions may be		Tallies
	Data	Reading Values from a Line
misleading or uncertain		Data Extremes Range
		Missing Values
		Table of Values

Primary National Curriculum Alignment for Wales

Expectation	Торіс	Activity
Using Number Skills: Use number facts a	and relationships	
5N1a read and write numbers to 100 000	Whole Numbers	Numbers in Words
ENITh compare cumbers with 1 and 2		Comparing Decimals
decimal places	Decimal Numbers	Decimal Order
		Decimals on the Number Line
		Groups of Eight
5N1c use mental strategies to recall		Dividing Eights
multiplication tables for 2, 3, 4, 5, 6, 8	Multiply and Divide - Facts	Mulitplication Facts
and 10 and use to solve division problems		Division Facts
		Related Facts 2
5N1d multiply and divide numbers and decimals by 10 and 100	Multiply and Divide - Facts	Place Value 1 (×10 and ÷10)
		Groups of Eight
5N1e identify multiples of 2, 3, 4, 5, 6, 8		Dividing Eights
and 10; use the terms multiple and factor	Multiply and Divide - Facts	Multiplication Facts
*		Division Facts
		Factors
5N1f identify prime numbers as having only two factors; recognise that 1 is not a prime number �		
5N1g identify prime numbers below 10 🔹 🛠		
Using Number Skills: Fractions, decimals	, percentages and ratio	
5N2a use understanding of simple fraction and decimal equivalences when measuring and calculating, e.g. ½ = 0.5, 1 / 10 = 0.1	Fractions and Decimals	Fractions to Decimals
5N2b calculate fractional quantities, e.g. 1		Fractio of an Amount
/ 8 of 24 = 3, so 5 / 8 of 24 = 15use doubling and halving strategies	Fractions and Decimals	Fraction Fruit Sets 2
when working with simple proportions		Fraction Word Problems
5N2c share objects in a given ratio, e.g. red blocks and blue blocks in a ratio of 1:2 �		
5N2d recognise connections between		Equivalent Fractions
fractions, e.g. one-tenth is half of one- fifth �	Fractions and Decimals	Equivalent Fractions on a Number Line
		Simplifying Fractions

Primary National Curriculum Alignment for Wales

Expectation	Торіс	Activity
Using Number Skills: Use number facts a	nd relationships (Continued)	
5N2e add and subtract fractions with the	Frantiana and Darimala	Add: Common Denominator
same denominator 🔹	Fractions and Decimals	Subtract: Common Denominator
5N2f add fractions with the same denominator to make a whole 💠	Fractions and Decimals	One Take Fraction
Using Number Skills: Calculate using me	ntal and written methods	
5N3a find differences between numbers with 1 decimal place		
		Add 3-Digit Numbers
		Add Three 3-Digit Numbers: Regroup
5N3b add and subtract 3-digit numbers		3-Digit Difference
using an appropriate mental or written	Add and Subtract - Written	3-Digit Differences with Zeros
method		3-Digit Differences: 2 Regroupings
		Adding Colossal Columns (UK)
		Subtracting Colossal Columns
5N3c multiply and divide 3-digit numbers	Multiply and Divide - Written	Multiply: 1-Digit Number
by a single-digit number		Grid Methods 1
	Whole Numbers	Ascending Order
	Whole Hombers	Descending Order
5N3d order negative and positive	Decimal Numbers	Decimal Order
numbers, including decimals to 1 decimal	Decimal Nombers	Decimals on the Number Line
place 🔹		Pick the Next Number
	Patterns and Relationships	Increasing Patterns
		Decreasing Patterns
Using Number Skills: Estimate and check		
	Patterns and Relationships	Missing Values
5N4a check answers using inverse		Magic Symbols 1
operations	Add and Subtract - Mental	Estimate Sums
		Estimate Differences

Primary National Curriculum Alignment for Wales

Expectation	Topic	Activity
Using Number Skills: Manage money		
5N5a order and compare the cost of items up to £1 000		
5N5b add and subtract totals less than £100 using correct notation, e.g. £28.18 + £33.45	Measurement	Money - Adding (GBP)
5N5c plan and track money and savings by keeping accurate records		
5N5d realise that budgeting is important		
Using Measuring Skills: Length, weight/m	nass, capacity	
5M1a measure and calculate perimeters	Measurement	Perimeter: Squares and Rectangles 1 Perimeter: Triangles
5M1b make estimates of length, weight/mass and capacity based on knowledge of the size of real-life objects �		
5M1c use measuring instruments with 10 equal divisions between each major unit, and record using decimal notation, e.g. 4.2cm, 1.3kg	Measurement	Grams and Kilograms 1 Converting Units of Length
5M1d make use of conversions, e.g. ¼ of a km = 250m	Measurement	Grams and Kilograms 1 Converting Units of Length
5M1e recognise the appropriateness of units in different contexts		
Using Measuring Skills: Time		
5M2a read and use analogue and digital clocks	Measurement	24 Hour Time
5M2b time events in minutes and seconds, and order the results		
5M2c calculate start times, finish times and durations using hours and minutes *	Measurement	Elapsed Time
5M2d carry out practical activities involving timed events and explain which unit of time is the most appropriate		
5M2e estimate the length of time everyday activities take to complete, extending to hours and quarters of hours �		

Primary National Curriculum Alignment for Wales

Expectation	Topic	Activity
Using Measuring Skills: Temperature		
5M3a measure and record temperatures involving positive and negative readings		
5M3b calculate temperature differences, including those involving temperature rise and fall across 0°C		
Using Measuring Skills: Area and volume	, Angle and position	
5M4a calculate, estimate and compare the area of squares and rectangles using standard units		
5M4b find volumes by counting and other practical methods		
5M4c recognise ocute and obtuse angles		Triangles: Acute, Right, Obtuse
	Shape	Classifying Angles
·		Measuring Angles
5M4d draw and measure acute angles in multiples of 10 degrees		
5M4e use coordinates to specify location		
Using Geometry Skills: Shape		
5G1a recognise and classify triangles, using their own criteria 🔹	Shape	Triangles: Acute, Right, Obtuse
5G1b identify congruent shapes and justify whether two or more shapes are congruent �		
Using Geometry Skills: Construction		
5G2a draw and label lines accurately, e.g. AB �		
5G2b draw squares, rectangles and right angled triangles accurately		
5G2c construct solids from given nets 🛛 🛠	Shape	Nets
Using Geometry Skills: Movement		
5G3a draw the reflection of a shape in any line I 🔹	Shape	Symmetry or Not?
5G3b complete a partly drawn shape after rotation 🔹	Shape	Transformations
5G3c translate a shape on squared paper horizontally or vertically 🔹		

Primary National Curriculum Alignment for Wales

Expectation	Topic	Activity
Using Algebro Skills: Number Sequences		
5A1a recognise and state the difference	Patterns and Relationships	Pick the Next Number
		Describing Patterns
in sequences that involve adding or		Incresing Patterns
subtracting *		Decreasing Patterns
	Patterns and Relationships	Pick the Next Number
5A1b write the next two (or more) terms in		Describing Patterns
sequences 💠		Incresing Patterns
		Decreasing Patterns
5A1c show that a number is in the		Pick the Next Number
sequence and/or find the position number	Detterree and Deletiseshine	Describing Patterns
by continuing the sequence or otherwise	Patterns and Relationships	Incresing Patterns
*		Decreasing Patterns
Using Algebra Skills: Functions and grap	hs	
5A3a use multistep function machines to generate input and output using all four operations: express in words, the		
operations of function machines 🔹		
5A3b read, plot and write coordinates in	-	Coordinate Meeting Place
one quadrant, e.g. (2, 4) 🔹	Space	Using a Key
1 7 5 (7)		Coordinate Graphs: 1st Quadrant
Using Data Skills: Collect and record date	a, Present and analyse data, Interpi	ret data
5D1a represent data using:		Divided Bar Graphs
- lists tolly charts tables diagrams and		Pie Charts
frequency tobles	Data	Using Timetables
- bor charts grouped data charts line	Daid	Tollies
arophs and conversion grophs		Reading Values from a Line
		Data Extremes and Range
		Divided Bar Graphs
5D1b extract and interpret information		Pie Charts
from an increasing range of diagrams,	Data	Using Timetables
timetables and graphs (including pie charts)	Dala	Tallies
		Reading Values from a Line
		Data Extremes and Range
	Data	Mean
5D1c use mean, median, mode and range to describe a data set		Median
		Mode

Primary National Curriculum Alignment for Wales

Expectation	Торіс	Activity
Using Data Skills: Probability		
ED2a was the words (contain) and	Duch chilith	Missing Values
SD2a use the words certain and		Table of Values
	Frobability	Fair Games
		What are the Chances?
	Probability	Missing Values
5D2b recognise that some events are		Table of Values
impossible and some events are certain $~~$		Fair Games
		What are the Chances?
5D2c recognise that some events are	Probability	Missing Values
		Table of Values
more likely than others 🐟		Fair Games
		What are the Chances?
5D2d use the words 'likely', 'unlikely' and 'even chance' 💠	Probability	Missing Values
		Table of Values
		Fair Games
		What are the Chances?

Primary National Curriculum Alignment for Wales

Expectation	Торіс	Activity
Developing Number Reasoning: Identifying	ng processes and connections	
	Add and Subtract	Pyramid Puzzles 2
		l am Thnking of a Number!
6 D1a tracefor most an atical skills to a		Table of Values
veriety of costaxts and evendey situations	Patterns and Relationships	Pattern Rules and Tables
valiety of contexts and everyady shouldn's		Magic Symbols 2
		Missing Numbers: Variables
		Multiplication Turnarounds
	Add and Subtract	Pyramid Puzzles 2
		I am Thnking of a Number!
6R1b identify the appropriate steps and		Table of Values
information needed to complete the task	Pottoros and Polotionships	Pattern Rules and Tables
or reach a solution	Fullents and Relationships	Magic Symbols 2
		Missing Numbers: Variables
		Multiplication Turnarounds
	Add and Subtract	Pyramid Puzzles 2
		I am Thnking of a Number!
6Pla salast appropriate mathematics and	Patterns and Relationships	Table of Values
techniques to use		Pattern Rules and Tables
		Magic Symbols 2
		Missing Numbers: Variables
		Multiplication Turnarounds
6R1d select and use suitable instruments and units of measurement	Measurement	Inches, Feet, Yards
		Adding Colossal Columns
		Subtracting Colossal Columns
6 Pla abassa sa annyanyista mastal ar		Add Decimals 1
writtee stretegy and keepy when it is	Add and Subtract	Magic Symbols 2
oppropriate to use a colculator	Add drid Sobirder	Missing Numbers: Variables
		Estimate Decimal Sums 2
		Estimate Decimal Differences 2
		Pyramid Puzzles 2
6R1f estimate and visualise size when measuring and use the correct units		

Primary National Curriculum Alignment for Wales

Expectation	Торіс	Activity
Developing Number Reasoning: Represen	nt and communicate	
6R2a explain results and procedures clearly using mathematical language		
		Adding Colossal Columns
		Subtracting Colossal Columns
		Add Decimals 1
	Add and Subtract	Magic Symbols 2
	Add and Subtract	Missing Numbers: Variables
		Estimate Decimal Sums 2
		Estimate Decimal Differences 2
		Pyramid Puzzles 2
		Groups of Seven
		Groups of Nine
		Times Tables
6R2b refine informal methods of	Multiply and Divida Facto	Dividing Sevens
recording written calculations, moving to	Nomply and Divide - Facis	Dividing Nines
formal methods of calculation when		Divisibility Tests (3, 4, 9)
developmentally ready		Factores
		Prime Factoring
		Problems: Multiply and Divide
		Remainders by Tables
		Long Multiplication
		Prime or Composite?
	Multiply and Divide	Grid Methods 2
	interipty and Divide	Multiply: 2-Digit Number, Regroup
		Divide: 2-Digit Divisor, Remainder
		Multiplcation Turnarounds
		Rounding Numbers for Division
		Estimate Quotients
6R2c use appropriate notation, symbols		
and units of measurement		
5R2d select and construct appropriate		
charts, diagrams and graphs with suitable scales		

Primary National Curriculum Alignment for Wales

Expectation	Торіс	Activity
Developing Number Reasoning: Represen	nt and communicate (Continued)	
6R2e recognise, and generalise in words,		Increasing Patterns
patterns that arise in numerical, spatial or	Patterns and Relationships	Decreasing Patterns
practical situations 🔹		I am Thinking of a Number!
		Shapes
6R2f visualise and describe shapes,	Shapas	Properties of Solids
movements and transformations $~~$	Shapes	Nets
		Measuring Angles
Using Number Skills: Use number facts c	and relationships	
		Place Value to Millions
	Whole Numbers	Comparing Integers
6N1a read and write numbers to 1 million		Number Sequences up to 1 Million
and numbers to 3 decimal places		Numbers from Words to Digits 3
	Decimal Numbers	Decimals from Words to Digits 2
	Decimal nombers	Decimal Pace Value
		Groups of Seven
	Multiply and Divide - Facts	Groups of Nine
6N1h use meetal strategies to recall		Times Tables
multiplication tables up to 10 x 10		Dividing Sevens
and use to solve division problems		Dividing Nines
		Divisibility Test (3, 4, 9)
	Multiply and Divide	Multiplcation Turnarounds
		Problems: Multiply and Divide
6N1c multiply numbers and decimals by a multiple of 10, e.g. 15 x 30, 1.4cm x 20	Multiply and Divide - Facts	Place Value 1 (x10 and ÷10)
6N1d identify multiples of symbols up to		Multiples
10: use the terms multiple and factor	Multiply and Divide - Facts	Factors
		Prime Factoring
6N1e identify common multiples of two numbers 🔹	Multiply and Divide - Facts	Multiples
6N1f identify common factors of two numbers 🔹	Multiply and Divide - Facts	Factors
6N1g identify prime numbers 🔹		
6N1h know prime numbers below 20 🔹 🚸		

Primary National Curriculum Alignment for Wales

Expectation	Торіс	Activity
Using Number Skills: Fractions, decimals	, percentages and ratio	
	Fractions and Decimals	Fractions to Decimals
		Comparing Fractions 1
6N2a use understanding of simple		Comparing Fractions 1b
fraction, decimal and percentage		Decimals to Fractions 1
equivalences, e.g. find 25% of 60cm and		Percent of a Number
know that this is equivalent to ¼ of 60cm	Percentagen	Percentage to Fraction
	reicentuges	Decimal to Percentage
		Percents to Decimals
6N2b calculate percentage quantities based on 10%, e.g. 20%, 5%, 15%	Percentages	Percent of a Number
6N2c use simple ratio and proportion		
6N2d use ratio to express two or more quantities in words 🔹		
6N2e state the proportion of a whole that each share represents, e.g. recognise that in a ratio of 1:3, 1 part represents a quarter of the total �		
6N2f find equivalent fractions and use		Equivalent Fractions
these to add and subtract fractions $~~$	Fractions and Decimals	Equivalent Fraction Wall 2
6N2a simplify fractions	Fractions and Desimals	Simplifying Fractions
	Trachons and Decimals	Mixed to Improper
Using Number Skills: Calculate using me	ntal and written methods	
		Adding Colossal Columns
		Subtracting Colossal Columns
		Add Decimals 1
6N3a add and subtract numbers using	Add and Subtract	Magic Symbols 2
whole numbers and decimals		Missing Numbers: Variables
		Estimate Decimal Sums 2
		Estimate Decimal Differences 2
		Pyramid Puzzles 2
		Problems: Multiply and Divide
6N3b multiply 2- and 3-digit numbers by	Multiply and Divide	Long Multiplication
a 2-digit number	Multiply and Divide	Grid Methods 2
		Multiply: 2-Digit Number, Regroup
6N3c divide 3-digit numbers by a 2-digit number	Multiply and Divide	Divide: 2-Digit Divisor, Remainder

Primary National Curriculum Alignment for Wales

Expectation	Торіс	Activity
Using Number Skills: Calculate using me	ntal and written methods (Continue	d)
6N3d add or subtract across zero using a number line, e.g3 + 5, 4 – 6 🔹	Add and Subtract	Magic Symbols 2
Using Number Skills: Estimate and check		
6N4a check answers using inverse operations	Add and Subtract	Magic Symbols 2 Missing Numbers: Variables Estimate Decimal Sums 2 Estimate Decimal Differences 2 Pyramid Puzzles 2
	Add and Subtract	Estimate Sums
6N4b estimate by rounding to the nearest 10, 100, 1 000 or whole number		Estimate Differences Estimate Decimal Sums 2 Estimate Decimal Differences 2
	Whole Numbers	Rounding Numbers
	Decimal Numbers	Rounding Decimals
Using Number Skills: Manage money		
6N5a use the terms profit and loss in buying and selling activities and make calculations for this		
6N5b understand the advantages and disadvantages of using bank accounts		
6N5c make comparisons between prices and understand which is best value for money	Measurement	Best Buy
Using Measuring Skills: Length, weight/m	nass, capacity	
6M1a read and interpret scales or divisions on a range of measuring instruments		
6M1b make estimates of length, weight/mass and capacity based on knowledge of the size of real-life objects, recognising the appropriateness of units in different contexts		

Primary National Curriculum Alignment for Wales

Expectation	Topic	Activity
Using Measuring Skills: Length, weight/m	noss. copocity	, conny
		Kilogram Conversions
6M1c record measurements in different ways, e.g. 1.3kg = 1kg 300g	Measurement	Mililitres and Litres
		Convertin cm and mm
		Inches, Feet, Yards
6M1d use the language of imperial units in daily use, e.g. miles, pints	Measurement	Inches, Feet, Yards
Using Measuring Skills: Time		
6M2a use and interpret timetables and schedules to plan events and activities	Measurement	Using Timetables
and make calculations as part of the planning process		Time Mentals
6M2b estimate how long a journey takes		
6M2c time events in minutes and seconds to the nearest tenth of a second		
6M2d convert between standard units of time �		
6M2e estimate the length of time everyday activities take to complete with increasing accuracy �		
Using Measuring Skills: Temperature		
6M3a measure and record temperatures involving positive and negative readings		
6M3b calculate temperature differences, including those involving temperature rise and fall across 0°C		
Using Measuring Skills: Area and volume	, Angle and position	
6M4a calculate the area of squares and rectangles	Space	Area: Squares and Rectangles 2
6M4b recognise reflex angles	Shape	Angles in a Revolution
		Measuring Angles
6M4c draw accurately and measure acute and obtuse angles in multiples of 5 degrees �		
6M4d calculate a missing angle within a	Shape	Angle Measures in a Triangle
right angle, on a s		Measuring Angles

Primary National Curriculum Alignment for Wales

Expectation	Торіс	Activity		
Using Measuring Skills:				
6M4e use grid references to specify location	Space	Coordinate Graphs: 1st Quadrant		
Using Geometry Skills: Shape				
6G1a recognise tetrahedra and square based pyramids 🔹				
6G1b recognise and sketch different types of quadrilaterals 💠				
6G1c explore the tessellation of different shapes 🔹				
6G1d identify a net of a cube 🛛 🚸	Shape	Nets		
Using Geometry Skills: Construction				
6G2a draw cubes and cuboids on isometric paper				
6G2b draw nets of cubes on square paper				
Using Geometry Skills: Movement				
6G3a find all the lines of symmetry for a given shape 🔹				
6G3b identify rotational symmetry of shapes 🔹	Shape	Rotational Symmetry of Shapes		
6G3c identify symmetrical properties of regular polygons	Shape	Symmetry or Not?		
Using Algebra Skills: Number Sequences				
6A1a find the term to term rule for		Increasing Patterns		
ascending and descending	Patterns and Relationships	Decreasing Patterns		
sequences, e.g. 3, 7, 11, 15 add 4 🔹		Pattern Rules and Tables		
6A1b generate a sequence given the first term and the term to term rule \clubsuit				
6A1c consider spatial patterns, e.g. square numbers 🔹				
Using Algebra Skills: Expressions and formulae				
explore general statements through practical activities, e.g. that $a + a + a = 3a$, $3 \times a = 3a$ and $a + a + a + b + b = 3a + 2b$				

Primary National Curriculum Alignment for Wales

Expectation	Торіс	Activity
Using Algebra Skills: Expressions and for	mulae (Continued)	
6A2b simplify expressions involving the addition of one variable, e.g. 5t + 3t = 8t		
Using Algebra Skills: Functions and grap	ns	
6A3a express output generated from one step function machines using algebra 🔅		
6A3b identify the coordinates of a missing point from a regular shape 🛛 💠		
6A3c refer to the x axis and the y axis \clubsuit		
Using Algebra Skills: Equalities and inequ	valities	
6A4a construct and solve one step equations with whole number solutions $~$		
6A4b list numbers between two points using the terminology 'less than or equal to' and 'greater than or equal to' 🔹		