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Mathematics Mastery

At the centre of the mastery approach to the teaching of mathematics is the belief that **all children have the potential to succeed**. They should have access to the same curriculum content and, rather than being extended with new learning, they should **deepen their conceptual understanding by tackling challenging and varied problems**. Similarly, with calculation strategies, children must not simply rote learn procedures but demonstrate their understanding of these procedures through the use of concrete materials and pictorial representations. This policy outlines the different calculation strategies that should be taught and used in Year 1 to Year 6 in line with the requirements of the 2014 Primary National Curriculum.

Background

The 2014 Primary National Curriculum for mathematics differs from its predecessor in many ways. Alongside the end of Key Stage year expectations, there are suggested goals for each year; there is also an emphasis on depth before breadth and a greater expectation of what children should achieve. In addition, there is a whole new assessment method, as the removal of levels gives schools greater freedom to develop and use their own systems. One of the key differences is the level of detail included, indicating what children should be learning and when. This is suggested content for each year group, but schools have been given autonomy to introduce content earlier or later, with the expectation that by the end of each key stage the required content has been covered. For example, in Year 2, it is suggested that children should be able to 'add and subtract one-digit and two-digit numbers to 20, including zero' and a few years later, in Year 5, they should be able to 'add and subtract one-digit and two-digit. In many ways, these specific objectives make it easier for teachers to plan a coherent approach to the development of pupils' calculation skills. However, the expectation of using formal methods is rightly coupled with the explicit requirement for children to use concrete materials and create pictorial representations – a key component of the mastery approach.

Mathematical Language

The 2014 National Curriculum is explicit in articulating the importance of children using the correct mathematical language as a central part of their learning (*reasoning*). Indeed, in certain year groups, the non-statutory guidance highlights the requirement for children to extend their language around certain concepts. It is therefore essential that teaching using the strategies outlined in this policy is accompanied by the use of appropriate and precise mathematical vocabulary. New vocabulary should be introduced in a suitable context (for example, with relevant real objects, apparatus, pictures or diagrams) and explained carefully. High expectations of the mathematical language used are essential, with teachers only accepting what is correct. The school agreed list of terminology is located at Appendix A to this document.

The quality and variety of language that pupils hear and speak are key factors in developing their mathematical vocabulary and presenting a mathematical justification, argument or proof.

2014 Maths Programme of Study

How to use the policy

This mathematics policy is a guide for all staff at Mobberley CE Primary School and has been adapted from work by the NCETM. It is purposely set out as a progression of mathematical skills and not into year group phases to encourage a flexible approach to teaching and learning. It is expected that teachers will use their professional judgement as to when consolidation of existing skills is required or if to move onto the next concept. However, the **focus must always remain on breadth and depth rather than accelerating through concepts.** Children should not be extended with new learning before they are ready, they should deepen their conceptual understanding by tackling challenging and varied problems. All teachers have been given the scheme of work from the White Rose Maths Hub and are required to base their planning around their year group's modules and not to move onto a higher year group's work. These are affiliated to the workings of the 2014 Maths Programme of Study.

Teachers can use any teaching resources that they wish to use and the policy does not recommend one set of resources over another, rather that, a variety of resources are used. For each of the four rules of number, different strategies are laid out, together with examples of what concrete materials can be used and how, along with suggested pictorial representations. The principle of the concrete-pictorial-abstract (CPA) approach [Make it, Draw it, Write it] is for children to have a true understanding of a mathematical concept, they need to master all three phases within a year group's scheme of work.

Content of the Policy

- 1. Addition
- 2. Subtraction
- 3. Multiplication
- 4. Division
- 5. Mathematical Language and Question Prompts

Calculation policy: Addition

Key language: sum, total, parts and wholes, plus, add, altogether, more, 'is equal to' 'is the same as'.

Objective and Strategies	Concrete	Pictorial	
Combining two parts to make a whole: part- whole model	Use cubes to add two numbers together as a group or in a bar.	Use pictures to add two numbers together as a group or in a bar.	
Starting at the bigger number and counting on	Start with the larger number on the bead string and then count on to	12 + 5 = 17 $4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 +$	Place the
Regrouping to make 10.	the smaller number 1 by 1 to find the answer. 6 + 5 = 11 Start with the bigger number and use the smaller number to make 10.	Use pictures or a number line. Regroup or partition the smaller number to make 10. 9 + 5 = 14 $9 + 5 = 14$ 14 $+1$ $+4$ $+1$ $+1$ $+4$ $+1$ $+1$ $+1$ $+1$ $+1$ $+1$ $+1$ $+1$	If I am at s
Adding three single digits	4 + 7 + 6= 17 Put 4 and 6 together to make 10. Add on 7. Image: Comparison of the state	Add together three groups of objects. Draw a picture to recombine the groups to make 10.	4+7





Start by partitioning the numbers before moving on to clearly show

5		536
8		+ 85
13	= 73	621
		11

As the children move on, introduce decimals with the same number

8				£	2	3	5	9	
5			+	£		7	5	5	
4				£	3	1	1	4	
					1	1	1		
	2	3		3	6	1			
		9		0	8	0			
	5	9		7	7	0			
	+	1		3	0	0			
	9	3		5	1	1			
	2	1		2					

Conceptual variat	ion; different ways	s to ask children	to solve 21 -
(?)	Word problems: In year 3, there are 21 children and in	21	
\succ	year 4, there are 34 children. How many children in total?	<u>+34</u>	
$\begin{pmatrix} 21 \end{pmatrix} \begin{pmatrix} 34 \end{pmatrix}$	21 + 34 = 55. Prove it	21 + 34 =	<u>uu</u> a + <u>uuu</u> assa
$\smile \bigcirc$		= 21 + 34	Missing digit problems:
?		 '	10s 1s
21 34		Calculate the sum of twenty-one	
		and thirty-four.	○○○ ?
			? 5 -

- 34



Calculation policy: Subtraction

Key language: take away, less than, the difference, subtract, minus, fewer, decrease.

Objective and Strategies	Concrete	Pictorial	
Taking away ones	Use physical objects, counters, cubes etc to show how objects can be taken away. 6-2=4	Cross out drawn objects to show what has been taken away. $ \begin{array}{c} $	
Counting back	Make the larger number in your subtraction. Move the beads along your bead string as you count backwards in ones. 13-4 Use counters and move them away from the group as you take them away counting backwards as you go.	Count back on a number line or number track 9 10 11 12 13 14 15 Start at the bigger number and count back the smaller number showing the jumps on the number line. -10	Put 13 numb
Find the difference	Compare amounts and objects to find the difference. Use cubes to build towers or make bars to find the difference	+6 Count on to find the difference. Count on to find the difference. Count on to find the difference. Count on to find the difference. Comparison Bar Models Usa is 13 years old. Her sister is 22 years old. Each the difference in age between them. 13 22	Hanna sandw



Part Part Whole Model	Link to addition- use the part whole model to help explain the inverse between addition and subtraction. If 10 is the whole and 6 is one of the parts. What is the other part? 10 - 6 =	Use a pictorial representation of objects to show the part part whole model.	10 Move to usin
Make 10	14 – 9 =	13 - 7 = 6 $3 4$ $4 - 3$ $3 4$ $3 4$ $3 4$ $3 4$ $3 4$ $3 4$ $3 4$ $3 6$ $7 8$ $3 10$ $11 12 (3) 14 15 16 17 18 19 20$ Start at 13. Take away 3 to reach 10. Then take away the remaining 4 so you have taken away 7 altogether. You have reached your answer.	How many d How many d
Column method without regrouping	Image: Construction of the second	Draw the Base 10 or place value counters alongside the written calculation to help to show working.	This will lead
Column method with regrouping	Use Base 10 to start with before moving on to place value counters. Start with one exchange before moving onto subtractions with 2 exchanges. Make the larger number with the place value counters Image: Calculations Image: Calculations	Draw the counters onto a place value grid and show what you have taken away by crossing the counters out as well as clearly showing the exchanges you make.	Children can





Conceptua	al variati	on; different ways to	o ask children to	D
391		Raj spent £391, Timmy spent £186. How much more did Raj spend?	= 391 - 186	
\mathcal{H}		Calculate the difference between 391 and	391	
7 155		186.	<u>-186</u>	
			What is 186 less than 391?	
186	?			



Calculation policy: Multiplication

Key language: double, times, multiplied by, the product of, groups of, lots of, equal groups.

Objective and Strategies	Concrete	Pictorial	
Doubling	Use practical activities to show how to double a number.	Draw pictures to show how to double a number.	10
Counting in multiples	Count in multiples supported by concrete objects in equal groups.	Use a number line or pictures to continue support in counting in multiples.	Count in mult
Repeated addition	Use different objects to add equal groups.	There are 3 plates. Each plate has 2 star biscuits on. How many biscuits are there? There are 3 plates. Each plate has 2 star biscuits on. How many biscuits are there? 2 add 2 add 2 equals 6 5 + 5 + 5 = 15	Write additio
Arrays- showing commutative multiplication	Create arrays using counters/ cubes to show multiplication sentences.	Draw arrays in different rotations to find commutative multiplication sentences.	Use an array addition.



		Link arrays to area of rectangles.	
Grid Method	Show the link with arrays to first introduce the grid method. x 10 3 4 rows of 10 4 4 rows of 3 4 rows of 3 Move on to using Base 10 to move towards a more compact method. X T U 4 rows of 13 4 rows of 13 4 rows of 13 Move on to place value counters to show how we are finding groups of a number. We are multiplying by 4 so we need 4 rows. Image: State of the stat	Children can represent the work they have done with place value counters in a way that they understand. They can draw the counters, using colours to show different amounts or just use circles in the different columns to show their thinking as shown below. $\underbrace{\begin{array}{c} & & & & \\ \hline & & & & \\ \hline & & & & \\ \hline & & & &$	Start with multip
	Calculations Calculations 4 x 126		10 1
	Add up each column starting with the ones making any exchanges		8 :
	needed.		





С	on	ice	pti	ual	va	nria	tion; different way	ys to ask childr	en to
23	23	23	23	23	23		Mai had to swim 23 lengths, 6 times a week. How many lengths did she swim in one week? With the counters, prove that 6 x 23 = 138	Find the product of 6 and 23 $6 \times 23 =$ $= 6 \times 23$ 6 23 $\times 23$ $\times 6$	What is t What is t



Calculation policy: Division

Key language: share, group, divide, divided by, half.

Objective and Strategies	Concrete	Pictorial				
Sharing objects into groups	have 10 cubes, can you share them equally in 2 groups?	children use pictures or shapes to share quantities. 333	Shar			
Division as grouping	Divide quantities into equal groups. Use cubes, counters, objects or place value counters to aid understanding. 96 + 3 = 32 96 + 3 =	Use a number line to show jumps in groups. The number of jumps equals the number of groups. 0 1 2 3 4 5 6 7 8 9 10 11 12 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Divide			
Division within arrays	E.g. 15 ÷ 3 = 5 5 × 3 = 15 15 ÷ 5 = 3 3 × 5 = 15	Image: Constraint of the strate of the st	Find the inv four linking			

Abstract

re 9 buns between three people.

9÷3=3

$28 \div 7 = 4$

28 into 7 groups. How many are in each group?

verse of multiplication and division sentences by creating number sentences.

> $7 \times 4 = 28$ $4 \times 7 = 28$ $28 \div 7 = 4$ $28 \div 4 = 7$



Short division using place value counters to group. 615 ÷ 5	Represent the place value counters pictorially.	Children to division sca
 100s 10s 1s 00000 00000<		5
Long division using place value counters 2544 ÷ 12 1000s 100s 10s 1s		
We can't group 2 thousa	ands into	

groups of 12 so will exchange them.

We can group 24 hundreds into groups of 12 which leaves with 1 hundred.

1000s

100s

10s

1s

the calculation using the short affold.

123 6¹1¹5

Conceptual variation; different ways to ask children to solve 615 ÷ 5



en to solve 615 ÷ 5 What is the calculation? What is the answer?

|--|--|--|

Maths Language / question prompts for the four operations

Maths Language / question prompts for the four operations

Language in EYFS

Addition/Subtraction	Multiplication/Division
One more, one less	Double, half, share
Add, more, and	How many each? equal
Altogether, count all of	groups
them,	Lots of, groups of
count on	Repeated addition
Take-away, subtract	
Count what is left, count	
back	
Make, equals, total,	
Is the same as	
Reasoning Question examples	Problem Solving Examples How many different ways
3 + 2 = 5	can you put the spots on the
3 + 2 = 6	ladybirds?
Why can't both of these number sentences be correct?	

Maths Language/ question prompts for the four operations – Language in Year 1

Addition/Subtraction **Multiplication/Division** Addition **Multiplication** + add, more, plus, count on Multiples, lots of, groups of Make, total **Multiplication** Altogether Double, near double Arrays One more, two more, ten more **Repeated addition** More than Double How many more to make...? How much more is...? Division How many altogether? Halve, share, share equally Subtraction How many in each...? - Subtract, take away, minus, count One each, two each, five each back Leave Equal groups How many are left (over)? One less, two more, ten more Less than How many fewer is... than ...? **Difference between** Half. halve Equals = equals, equal to, is the same as **Reasoning Question examples Problem Solving Examples** What do you notice? 20 - 12 = 820 - 8 = 12Tom is bowling, which pins must he knock down to score 7? How many ways

can you do it?



Maths Language/ question prompts for the four operations

Language in Year 2

Addition/Subtraction	Multiplication/Division
Add, addition, more, plus Make, sum, total Altogether Double, near double, Ten more, one hundred more How many more to make? How many more isthan? How much more is? Subtract, subtraction, take away, minus How many are left? Ten less, one hundred less How many fewer is than? How much less is? Difference between Half/halve Equals, sign, is the same as	Lots of, group of Times, multiply, multiplied by Multiply of Times Repeated addition, repeated subtraction Array Row, column Double, halve Share, share equally Equal groups of Divide, divided by, divided into Left, left over
Reasoning Question <u>examples</u>	Problem Solving Examples
Continue the pattern: 90 = 100 - 10 80 = 100 - 20 Can you make up a similar pattern starting with the numbers 75, 25 and 100?	ways can she add them together to make £1? E.G. 20p + 80p Can you find the missing number so each row and column adds up to 100?
Missing numbers: 81 + = 100 100 = 89	20 50 30 40
Problem Solving Examples	

 ways can she add them together to make £1? E.G. 20p + 80p Can you find the missing number so each row and column adds up to 100? Explain how you can use number bonds to 10 to find the missing numbers above. 	Use the numbers 1, 2 and 3. In pairs, one child chooses a number. The other child has to choose another number to add to the first number. The aim is to be the person who reaches 20 first. You must try to make sure your partner doesn't reach 20.
Sam says 'If I know 9 + 1= 10, I also know what I add to 90 to make 100.' Is he right? Prove it <u>Multiplication & Division</u> Which has more? Four bags of sweets with 5 in each or 3 bags of sweets with 10 in each? Explain your reasoning. What numbers could go in the boxes? 20 = x Prove it.	 Multiplication & Division Use the number cards to make multiplication and division sentences. How many numbers up to 20 can you make? 2 3 4 5 Use the pictures below to think of multiplication and division sentences using x, ÷ and =

Maths Language/ question prompts for the four operations

Language in Year 3

Addition/Subtraction

Multiplication/Division

Add, addition, more, plus	Lots of, groups of
Make, sum, total, altogether	Times, multiply, multiple of,
Double, near double	multiplication, multiplied by,
Ten more, hundred more	product
How many more to make?	Once, twice, three
How many more is	timesten
than?	times
How much more is?	Times as big/long/wide
Subtract, subtraction, take	Repeated addition, repeated
(away),	subtraction, array
minus	Row, column
Leave, how many are	Double, halve
left/leftover?	Share, share equally
Ten less, hundred less	One each, two each, three
How many fewer is …	each
than?	
How many less?	
Difference between	
Half/halve, quarter, two	
quarters,	
three quarters, third	
Equals, sign, is the same as	
Reasoning Question	Problem Solving Examples
<u>examples</u>	
Find the missing numbers in	
the addition	201 = 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2
4	Can this be done more than one
+ 2	way? Convince me.
0 2	
Multiplication & Division	
	The answer to the addition is
Start this rhythm, clap, clap, click,	201.
25 I P rhythm, what will you be doing on	
the 15th beat? How do you know?	
beat? Explain and prove your	

 Which of the problems below can be solved using 8 ÷ 2?

-There are 2 bags of sweets with 8 sweets in each. How many altogether? -A rollercoaster carriage holds 2 people, how many carriages are needed for 8 people? -I have 8 crayons and share them out so people have 2 crayons each. How many people did I share them between? -I have 8 buns and I give two to my brother. How many do I have left?

Explain your reasoning.

All the digits used are either 1 or 9.

Fill in the boxes.

Multiplication & Division

Can you sort the cards below so that they would follow round in a loop? The number at the top is the answer, then follow the instruction at the bottom to get the next answer.



A group of aliens live on Planet Xert. Tinions have three legs, Quinions have four legs. The group has 22 legs altogether. How many Tinions and Quinions might there be? Is there more than one solution?

Maths Language/ question prompts for the four operations

Language in Year 4

Addition/Subtraction	Multiplication/Division
	Lots of, groups of
Add, addition, more, plus	Times, multiply, multiple of,
Make, sum, total, altogether	multiplication, multiplied by,
Double, near double	product
Ten more, hundred more	Once, twice, three timesten
How many more to make?	times

How many more isthan?	Times as big/long/wide
How much more is?	Repeated addition, repeated
Subtract, subtraction, take (away),	subtraction, array
minus	Row, column
Leave, how many are left/leftover?	Double, halve
Ten less, hundred less	Share, share equally
How many fewer is than?	One each, two each, three each
How many less?	Divisible by
Difference between	
Half/halve, quarter, two quarters,	
three quarters, third	
Equals, sign, is the same as	
Increase, decrease, inverse	
Reasoning Question examples	Problem Solving Examples
Identify the missing number in this bar	I am thinking of a number. It is
	greater than 1500 but smaller
353 354	13 The difference between the
	largest and smallest digit is 5.
Fill in the missing digits.	What could the number be?
1 3 + 6 = 200	
1 5 + 300 = 1557	A chocolate factory usually
5 28 - 44 = 4788	Saturday but on a Sunday
0 - 2468 = 5092	production decreases and they
	make 325 fewer bars. How many
Place one of these symbols in the circle	bars are produced at the
to make the number sentence correct: >,<	weekend in total?
or =	All of the disite helow are either a
	All of the digits below are either a
8×50 50×8	9. Can you work out each digit?
8 × 50 80 × 5	
300 × 3 5 × 200	7338=???? + ????
	Miss Wood orders come now
Justify your answers	whiteboard pens for Year 5 and
	6. There are 160 children in Year
	5 and 6. If she orders 6 boxes of
	27 pens, will she have enough?

	Show your calculation.
	An ice cream sundae is made
There are mistakes in the following	topping and one sauce.
then make a correction to find the correct answer.	How many different ice cream
2451 782 +562 - 435 8071 353	different flavours of ice cream, 3 different toppings and 4 different sauces?
Penny says a two digit number multiplied by a one digit number will always give a two digit answer. Is she correct? Justify your answer.	What could the numbers in the multiplication be? Every digit is different. ??? x 3 = ????
In a box there are red and yellow cubes. For every 5 red cubes there are 3 yellow cubes.	
Hannah says ' If I have more than 10 red cubes, I will definitely have more than 10 yellow cubes.' Do you agree?	

Maths Language/ question prompts for the four operations

Language in Year 5

Addition/Subtraction	Multiplication/Division
Add, addition, more, plus	Lots of, groups of
Make, sum, total, altogether	Times, multiply, multiple of,
Double, near double	multiplication, multiplied by,
Ten more, hundred more	product
How many more to make?	Once, twice, three timesten
How many more is …than…?	times
How much more is?	Times as big/long/wide
Subtract, subtraction, take (away),	Repeated addition, repeated
minus	subtraction, array
Leave, how many are left/leftover?	Row, column
Ten less, hundred less	Double, halve
How many fewer is than?	Share, share equally
How many less?	One each, two each, three each
Difference between	Divisible by
Half/halve, quarter, two quarters,	Cubed
three quarters, third	Squared
Equals, sign, is the same as	Quotient
Increase, decrease, inverse	To the power of
Ascend, descend	Square Root
	Factor
	Multiple
Reasoning Question examples	Problem Solving Examples
Spot the mistake and make the correction: 527	Find the missing numbers in these calculations: $ \begin{array}{c} 3 & 4 & 1 \\ - & 4 & 8 & 2 \\ \hline 2 & 9 & 2 & 4 \end{array} $
6 x 7 = 42	

How can you use this fact to solve the following calculations?	David has £35700 in his bank. He
4200 ÷ 70 = 0.6 x 0.7 =	divides the amount by 100 and takes that much money out of the bank. Using the money he has
A five digit number and a four digit number have a difference of 4365. Give me three possible pairs of numbers.	taken out he spends £268 on furniture for his new house. How much money does David have
What number goes in the box? 323 x1 = 13243 Prove it.	left from the money he took out? Show your working.
Andrew says that the answer to 166 divided by 4 can be written as '46 remainder 2' or as '46.5'. Do you agree? Explain your Reasoning Tom says ' <i>Factors come in pairs,</i> <i>so all numbers have an even</i> <i>number of factors.</i> '	I am thinking of a number. When it is divided by 9, the remainder is 3. When it is divided by 2, the remainder is 1. When it is divided by 5, the remainder is 4. What is my number?
reasoning.	My answer is 5398, what's the question? - Create 3 addition calculations Create 3 subtraction questions Did you use a strategy? Explain it. Clare's age is a multiple of 7 and 3 less than a multiple of 8. How
	old is Clare?

Maths Language/ question prompts for the four operations

Language in Year 6

Addition/Subtraction	Multiplication/Division
Add, addition, more, plus	Lots of, groups of
Make, sum, total, altogether	Times, multiply, multiple of,
Double, near double	multiplication, multiplied by,
Ten more, hundred more	product
How many more to make?	Once, twice, three timesten
How many more isthan?	times
How much more is?	Times as big/long/wide
Subtract, subtraction, take (away),	Repeated addition, repeated
minus	subtraction, array
Leave, how many are left/leftover?	Row, column
Ten less, hundred less	Double, halve
How many fewer is … than?	Share, share equally
How many less?	One each, two each, three each
Difference between	Divisible by
Half/halve, quarter, two quarters,	Cubed
three quarters, third	Squared
Equals, sign, is the same as	Divisor
Increase, decrease, inverse	Dividend Quotient
Ascend, descend	To the power of
	Square Root
	Factor
	Multiple
Reasoning Question examples	Problem Solving Examples
Abdul says "If I add any two 4 digit numbers together is will make a 5 digit number." Do you agree? Explain why.	Javid has six white mice, three males and three females. Each of the three couples has 7 female baby mice. The each of these females has 8 babies. One night Javid's little sister Aisha leaves the mice cage open

and 47 escape. How many mice
does Javid have left?
What is the closest you can get
to
any given number e.g. 256 using
only multiplication and a list of
numbers given e.g. 10, 7, 6, 2,
25,
4?
How do vou know this is the
closest? What strategy did you
use?
Using the number 4236, how
many
numbers up to 20 does it divide
by
without a remainder? Is there a
pattern? What can you say
about
these numbers?
Peter paid £21 for 5 presents.
For A and B he paid a total of
f6
For B and C he paid a total of
For C and D he paid a total of
f7
For D and E he paid a total of
f9
How much did Peter pay for
each
present?
Nancy is double her sister's
and They are both older
aye. They are built bluer

than 20 and younger than
50. They are both multiples
of 7. How old are they?

Reasoning Question starters and activities

Reasoning question starters and activities can be applied in all objectives of the maths curriculum. Below are some helpful examples that can be used with children.

Teachers will also use information from the NCETM progression maps and White Rose planning to support the use of these with appropriate examples.

Spot the mistake / Which is correct? True or false? What comes next? Do, then explain Make up an example / Write more statements / Create a question / Another and another Possible answers / Other possibilities What do you notice? Continue the pattern Missing numbers / Missing symbols / Missing information/Connected calculations Working backwards / Use the inverse / Undoing / Unpicking Hard and easy questions What else do you know? / Use a fact **Fact families**

Convince me / Prove it / Generalising e.g. Ted thinks that any number ending in a 4 is in the four times table. Do you agree? Explain your thinking Make an estimate / Size of an answer - How did you make that estimate? Always, sometimes, never Making links / Application Can you find? What's the same, what's different? Odd one out Complete the pattern / Continue the pattern Ordering Testing conditions - e.g. asking for a number/answer that fits a range of criteria e.g. a number is 3 digits and is a multiple of 3 and 5. What could I be? The answer is... Visualise