Year 4 Maths Ladders

Year 4 Ladder: 1 Week: 1-2 Autumn				
Step	LI: to develop our understanding of place value		Assessment Circle	Date completed
1	Recap – Y3 I can represent numbers to 1000.	1.Fluency Questions	EXP EXS GDS	
		2. Reasoning	EXP EXS GDS	
		3. Problem solving	EXP EXS GDS	
2	I can round to the nearest 10	1.Fluency Questions	EXP EXS GDS	
		2. Reasoning	EXP EXS GDS	
		3 Problem solving	EXP EXS GDS	
3	I can round to the nearest 100	1.Fluency Questions	EXP EXS GDS	
		2. Reasoning	EXP EXS GDS	
		3. Problem solving	EXP EXS GDS	
4	I can count in 1000s	1.Fluency Questions	EXP EXS GDS	
		2. Reasoning	EXP EXS GDS	
		3. Problem solving	EXP EXS GDS	
5	I can represent 4 digit numbers using 1000s, 100s,10s and 1s	1.Fluency Questions	EXP EXS GDS	
		2. Reasoning	EXP EXS GDS	
		3. Problem solving		
6	I can partition 4 digit numbers	1.Fluency Questions	EXP EXS GDS	
		2. Reasoning	EXP EXS GDS	
		3. Problem solving		
7	I can use a number line to 10,000	1.Fluency Questions	EXP EXS GDS	
		2. Reasoning	EXP EXS GDS	
		3. Problem solving		
8				

Year 4 Maths Ladders

Year 4				
Ladder: 2				An Daras Multi Academy Trust
Week: 3-4 Autumn				

Step	LI: to develop our understanding of place value		Assessment Circle	Date completed
1	I can find 1000 more or less than a number	1.Fluency Questions	EXP EXS GDS	
		2. Reasoning	EXP EXS GDS	
		3. Problem solving	EXP EXS GDS	
2	I can compare 4-digit numbers	1.Fluency Questions	EXP EXS GDS	
		2. Reasoning	EXP EXS GDS	
		3. Problem solving	EXP EXS GDS	
3	I can order 4-digit numbers	1.Fluency Questions	EXP EXS GDS	
		2. Reasoning	EXP EXS GDS	
		3 Problem solving	EXP EXS GDS	
4	I can round to the nearest 1000	1.Fluency Questions	EXP EXS GDS	
		2. Reasoning	EXP EXS GDS	
		3. Problem solving	EXP EXS GDS	
5	I can count in 25s	1.Fluency Questions	EXP EXS GDS	
		2. Reasoning	EXP EXS GDS	
		3. Problem solving	EXP EXS GDS	
6	I can recognise and use negative numbers	1.Fluency Questions	EXP EXS GDS	
		2. Reasoning	EXP EXS GDS	
		3. Problem solving		
7	I can use roman numerals to 100	1.Fluency Questions	EXP EXS GDS	
		2. Reasoning	EXP EXS GDS	
		3. Problem solving		

Year 4 Maths Ladders

Ladder: 3 Autumn Week: 5-7			
Step	LI: to develop our understanding of addition and subtraction		Date completed
1	I can add and subtract 1s, 10s, 100s and 1000s		
2	I can add two 4 digit numbers with no exchange		
3	I can add two 4 digit numbers with one exchange		
4	I can add two 4 digit numbers with more than one exchange		
5	I can subtract two 4 digit numbers with no exchange		
6	I can subtract two 4 digit numbers with one exchange		
7	I can subtract two 4 digit numbers with more than one exchange		
8	I can use efficient subtraction		
9	I can estimate answers		

10	I can apply checking strategies		

Ladder: 4 Autumn		An Daras Multi Academy Trust
Week: 8		

Step	LI: to develop our knowledge of measurement		Date completed
1	I understand and can use kilometres		
2	I can find the perimeter on a grid		
3	I can calculate the perimeter of a rectangle		
4	I can calculate the perimeter of rectilinear shapes		
5			
6			
7			
8			
9			

10			

Ladder: 5 Autumn Week: 9-10			An Daras Multi Academy Trust
Step	LI: to develop our understanding of multiplication and division		Date completed
1	I can multiply by 10		
2	I can multiply by 100		
3	I can divide by 10		
4	I can divide by 100		
5	I can multiply by 1 and 0		
6	I can divide by 1		
7	I can multiply and divide by 6		
8	I can use my 6 times table and it's division facts		
9			

10			

Ladder: 6 Autumn			An Daras Multi Academy Trust
Week: 11			
Step	LI: to develop our understanding of multiplication and division		Date completed
1	I can multiply and divide by 9		
2	I can use my 9 times table and it's division facts		
3	I can multiply and divide by 7		
4	I can use my 7 times table and it's division facts		
5			
6			
7			
8			
9			

10			

Ladder: 1 Spring Week: 1-2			An Daras Multi Academy Trust
Step	LI: to develop our understanding of multiplication and division		Date completed
1	I know my 11 and 12 times tables		
2	I can multiply 3 numbers		
3	I know what a factor pair is		
4	I can use efficient multiplication methods		
5	I can use written methods		
6	I can multiply 2-digits by 1-digit		
7	I can multiply 3-digitis by 1-digit		
8	I can divide 2-digits by 1-digit by sharing into equal groups		
9	I can divide 2-digits by 1-digit involving remainders		

10			

Ladder: 2 Spring		An Daras Multi Academy Trust	
Week: 3			
Step	LI: to develop our understanding of multiplication and division		Date completed
1	I can divide 2-digits by 1-digit by sharing into equal groups		
2	I can divide 2-digits by 1-digit involving remainders		
3	I can divide 3-digits by 1-digit		
4	I can solve correspondence problems		
5			
6			
7			
8			
9			

10			

Ladder: 3 Spring		An Daras
Week: 4		Multi Academy Trust
Step	LI: to develop our understanding of area	Date completed
1	I know what area is		
2	I can find area counting squares		
3	I can make shapes using their area		
4	I can compare area		
5			
6			
7			
8			
9			

10			

Ladder: 4 Spring Week: 5-7			An Daras Multi Academy Trust
Step	LI: to develop our understanding of fractions		Date completed
1	I know what a fraction is		
2	I can find equivalent fractions using diagrams		
3	I can find equivalent fractions through proportional reasoning		
4	I can use fractions greater than one		
5	I can count in fractions		
6	I can add 2 or more fractions		
7	I can subtract 2 fractions		
8	I can subtract fractions from whole amounts		
9	I can calculate fractions of a quantity		

10	I can calculate quantities		

Ladder: 5 Spring Week: 9-11			An Daras Multi Academy Trust
Step	LI: to develop our understanding of decimals		Date completed
1	I can recognise tenths and hundredths		
2	I can use tenths as decimals		
3	I can recognise tenths on the place value grid		
4	I can place tenths on a number line		
5	I can divide 1-digit by 10		
6	I can divide 2-digits by 10		
7	I know what a hundredth is		
8	I can use hundredths as decimals		
9	I can recognise hundredths on the place value grid		

10	I can divide 1 or 2-digits by 100		

Ladder: 1 Summer Week: 1-2			An Daras Multi Academy Trust
Step	LI: to develop our understanding of decimals		Date completed
1	I can make a whole out of tenths and hundredths		
2	I can read and write decimals		
3	I can compare decimals		
4	I can order decimals		
5	I can round decimals to the nearest whole number		
6	I can convert ½, ¼, and ¾ into decimals		
7			
8			
9			

10			

Ladder: 2 Summer Week: 3-4			An Daras Multi Academy Trust
Step	LI: to develop our understanding of money		Date completed
1	I can use pounds and pence		
2	I can order money		
3	I can estimate money		
4	I can solve problems involving money		
5			
6			
7			
8			
9			

10			

Ladder: 3 Summer			An Daras Multi Academy Trust
Week: 5			
Step	LI: to develop our understanding of time		Date completed
1	I can convert between hours, seconds and minutes		
2	I can convert between Years, months, days and weeks		
3	I can convert between analogue and digital times using the 12 hour clock		
4	I can convert between analogue and digital times using the 24hour clock		
5			
6			
7			
8			
9			

10			

Ladder: 4 Summer Week: 6-7			An Daras Multi Academy Trust
Step	LI: to develop our understanding of statistics		Date completed
1	I can interpret charts		
2	I can solve comparison, sum and difference problems using discrete data		
3	I can use line graphs in relation to time		
4	I can solve comparison, sum and difference problems using line graphs		
5			
6			
7			
8			
9			

10			

Ladder: 5 Summer			An Daras Multi Academy Trust
Week: 8-10			
Step	LI: to develop our understanding of properties of shape		Date completed
1	I can identify acute and obtuse angles		
2	I can compare and order angles		
3	I can classify triangles as isosceles, scalene and equilateral		
4	I can name and describe quadrilaterals		
5	I can find lines of symmetry within 2D shapes		
6	I can complete shapes and patterns using symmetry		
7			
8			
9			

10			

Ladder: 6 Summer Week: 11			An Daras Multi Academy Trust
Step	LI: to develop our understanding of position and direction		Date completed
1	I can use coordinate to describe position		
2	I can plot coordinates on a grid		
3	I can translate shapes on a grid		
4	I can describe movement on a grid		
5			
6			
7			
8			
9			

Year 4 Maths Ladders

10			