Long-Term Plan - Maths

The British School of Monaco

Year: 4	Subject: Maths	Autumn Term (13 weeks 2 days)				Spring Term (9 weeks 4 days)				Summer Term (9 weeks 4 days)			
		Autumn 1 (7 weeks 4 days)		Autumn 2 (5 weeks 3 days)		Spring 1 (4 weeks 4 days)		Spring 2 (5 weeks)		Summer 1 (4 weeks 2 days)		Summer 2 (5 weeks 2 days)	
		A	B	A	B	A	B	A	B	A	B	A	B
English National Curriculum aims		Number: number and place value	Number: addition and subtraction	Measurement: Length and Perimeter	Number: multiplication and division 1	Number: multiplication and division 2	Measurement: Area	Number: Fractions	Number: Decimals 1	Number: Decimals 2 Measurement: Money	Measurement: Time	Geometry: Properties of Shapes	Statistics Geometry: Position and direction
Number of small steps		19	14	8	14	12	4	16	10	6 + 7	7	13	4 + 4
Description of Programme of Study		R-numbers to 1000 R-100s, 10s and 1s R-number line to 1000 Round to the nearest 10 Round to the nearest 100 Count in 1,000s Represent numbers to 10,000 1,000s, 100s, 10s and 1s Partitioning The number line to 10,000	Add and subtract 1s, 10s, 100s and 1,000s R-add two 3-digit numbers (not crossing 10 or 100) Add two 4-digit numbers – no exchange Add two 3-digit numbers (crossing 10 or 100) Add two 4-digit numbers – one exchange Add two 4-digit numbers – more than one exchange R-subtract a 3-digit number from a 3-digit	R-equivalent lengths (m/cm) R-equivalent lengths (mm/cm) Kilometres R-add and subtract lengths R-measure perimeter Perimeter on a grid Perimeter of a rectangle Perimeter of rectilinear shapes	Multiply by 10 Multiply by 100 Divide by 10 Divide by 100 Multiply by 1 and 0 Divide by 1 and itself R-multiply and divide by 3 The 3 times table Multiply and divide by 6 6 times table and division facts	11 and 12 timestable Multiply 3 numbers Factor pairs Efficient multiplication Written methods R-multiply 2-digits by 1-digit Multiply 2-digits by 1-digit Multiply 3-digits by 1-digit R-divide 2-digits by 1-digit (1)	What is area? Counting squares Making shapes Comparing area	R - unit and non-unit fractions What is a fraction? R-tegths and counting in tenths R-equivalent fractions Equivalent fractions (1) Equivalent fractions (2) Fractions greater than 1 Count in fractions	Recognise tenths and hundredths Tenths as decimals Tenths on a place value grid Tenths on a number line Divide 1-digit by 10 Divide 2-digits by 10 Hundreths Hundredths as a decimal Hundredths on a place value grid	Make a whole Write decimals Compare decimals Order decimals Round decimals (1) Round decimals (2) Halves and quarters _____ Pounds and pence Ordering money	R-telling the time to 5 minutes and to the minute R-using am and pm R-24-hour clock Hours, minutes and seconds Years, months, weeks and days Analogue to digital – 12 hour Analogue to digital – 24 hour	R-turns and angles R-angles in shapes R-compare angles Identify angles Compare and order angles R-recognise and describe 2-D shapes Triangles (1) Triangles (2) Quadrilaterals (1) Quadrilaterals (2)	Interpret charts Comparison, sum and difference Introducing line graphs Line graphs _____ Describe position Draw on a grid Move on a grid Describe a movement on a grid

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	R-find 1, 10, 100 more or less

1,000 more or less

Compare 4-digit numbers

Order numbers

Round to the nearest 1,000

Count in 25s

Introducing negative numbers

Negative numbers

Roman numerals | number (no exchange)

Subtract two 4-digit numbers – no exchange

R-subtract a 3-digit number from a 3-digit number (exchange)

Subtract two 4-digit numbers – one exchange

Subtract two 4-digit numbers – more than one exchange

Efficient subtraction

Estimate answers

Checking strategies | | Multiply and divide by 9

9 times table and division facts

Multiply and divide by 7

7 times table and division facts | Divide 2-digits by 1-digit (2)

Divide 3-digits by 1-digit

Correspondence Problems | | R-add fractions

Add 2 or more fractions

R-subtract fractions

Subtract 2 fractions

Subtract from whole amounts

R-fractions of a set of objects

Calculate fractions of a quantity

Problem solving – calculate quantities | Divide 1 or 2-digits by 100 | Estimating money

R-convert money

R-add and subtract money

R-give change

Four operations | | R -horizontal and vertical

Lines of symmetry

Complete a symmetric figure | |
Cross-Curricular Links and literature links												
Formative Assessment	White Rose Assessment at the end of each block											
Enrichment												

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	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
Autumn	Number: Place Value				Number: Addition and Subtraction				Measurement: Length and Perimeter		Number: Multiplication and Division 1			
Spring	Number: Multiplication and Division 2			Measurement: Area	Number: Fractions			Number: Decimals 1						
Summer	Number: Decimals 2		Measurement: Money	Measurement: Time		Geometry: Properties of space		Statistics	Geometry: Position and Direction					