Red Rose Mastery Maths Scheme: Year 2 Unit Overviews: Spring Term 2

Continue to use the date board as part of daily routine. This will support children with developing their knowledge of time, as well as ordinal numbers.

At some point in each day, not necessarily the maths lesson, times tables facts should be rehearsed following guidance provided.

Spring 2 Unit 16 *(Week 1)*: Length		
Lesson	**Starter**	**Lesson Focus**
1	Bonds within 20	Choose and use the correct equipment to measure length and height in centimetres e.g. ruler, metre rule, tape measure
2	Exchanging ones for tens and tens for ones	Choose and use the correct equipment to measure length and height in metres e.g. metre rule, tape measure, trundle wheel
3	Describe the rule in a number sequence that counts on or back in fives or twos	Order the values of three or more lengths or heights
4	Tell the time to o'clock, half past, quarter past, quarter to	Solve simple problems involving addition and subtraction of measures (identifying operation required from the vocabulary and context used and represent as a bar model)
5	Partition a two-digit number in different ways	Solve simple problems involving addition and subtraction of measures (identifying operation required from the vocabulary and context used and represent as a bar model)

Spring 2 Unit 17 *(Week 2)*: Addition and Subtraction		
Lesson	**Starter**	**Lesson Focus**
1	Exchanging ones for tens and tens for ones	Addition with exchange using jottings from concrete
2	Sort numbers according to their properties	Subtraction with exchange using Base 10
3	Write numbers in words	Subtraction with exchange jottings from concrete
4	Find one or ten more or less than a given number	Subtraction with exchange jottings from concrete
5	Name and identify 2-D and 3-D shapes	Represent and solve addition and subtraction problems using bar modelling (length context)

Spring 2 Unit 18 *(Week 3)*: 2-D and 3-D Shape		
Lesson	**Starter**	**Lesson Focus**
1	Round numbers to the nearest 10	Describe 2-D shapes according to the number of sides and vertices, and whether any of the sides or vertices are the same size as each other
2	Identify multiplication and division facts from an array	Describe and sort 2-D shapes according to the number of sides and vertices, and whether any of the sides or vertices are the same size as each other
3	Solve missing number problems with addition and subtraction problems	Identify a vertical line of symmetry in a 2-D shape
4	Exchanging ones for tens and tens for ones	Describe 3-D shapes according to the number and shape of the faces, the number of edges and vertices and whether any of the faces are the same size as each other
5	Bonds within 20	Describe and sort 3-D shapes according to the number and shape of the faces, the number of edges and vertices and whether any of the faces are the same size as each other

Spring 2 Unit 19 *(Week 4)*: Fractions, Position and Direction		
Lesson	**Starter**	**Lesson Focus**
1	Count on and back in steps of $\frac{1}{4}$, as in $\frac{1}{4}, \frac{2}{4}, \frac{3}{4}$, 1, $1\frac{1}{4}, 1\frac{2}{4}$ etc, using images to support	Recognise, name and find one quarter, two quarters, three quarters and four quarters of a shape and object
2	Exchanging ones for tens and tens for ones	Recognise, name and find one quarter, two quarters, three quarters and four quarters of a length (represent using bar model)
3	Tell the time to o'clock, half past, quarter past, quarter to	Recognise, name and find one quarter, two quarters, three quarters and four quarters of a quantity
4	Place numbers on a number line with multiples of 10 labelled	Recognise, name and find one quarter, two quarters, three quarters and four quarters of a shape, object or quantity
5	Exchange different coins for other coins of the same value	Know that a quarter turn is the same as a turn through one right angle. Know that a half turn is the same as a turn through two right angles. Know that a full turn is the same as a turn through four right angles.

Spring 2 Unit 20 *(Week 5)*: Time		
Lesson	**Starter**	**Lesson Focus**
1	Derive and use addition and subtraction facts of multiples of 5 and multiples of 10 totalling 60	Recap telling the time to the hour, half past, quarter past and quarter to the hour
2	Recall and use tables facts and make deductions outside known facts	Count in fives clockwise starting at 12 (for zero) to 6 (for thirty) progressing to counting in times, e.g. 5 minutes past, 10 minutes past, 15 minutes past (quarter past), 20 minutes past etc.
3	Read scales in divisions of ones, twos, fives, tens	Tell the time to the nearest five minutes past the hour (up to 25 minutes past)
4	Double and halve numbers within 100	Tell the time to the nearest five minutes past the hour (up to 25 minutes past)
5	Put units of time in order from shortest to longest and identify relationship between, e.g. there are 60 minutes in one hour	Solve simple problems involving time language focus

Spring 2 *(Week 6)*: Assess and Review		
Lesson	**Starter**	**Lesson Focus**
1	Use Starters this week to revisit and rehearse any of the Starters from the previous two half terms that the children have found difficult.	During this week, administer the end of term Arithmetic and Reasoning Tests. These can be administered in whatever way the teacher feels is most beneficial to the children, e.g. as a class, in groups, over multiple days etc.
2		
3		When answering the questions, children should have access to the full kit boxes they have used throughout the term.
4		
5		Any other time this week should be spent revisiting and rehearsing any aspects form the term that children have found difficult.