
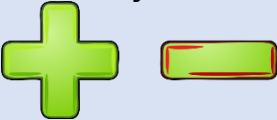



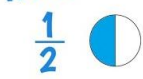

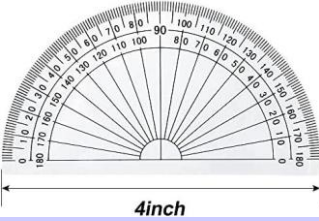
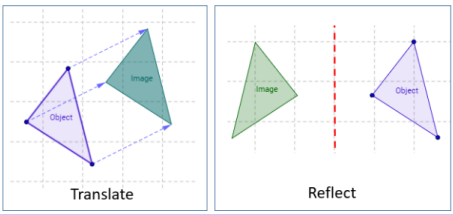
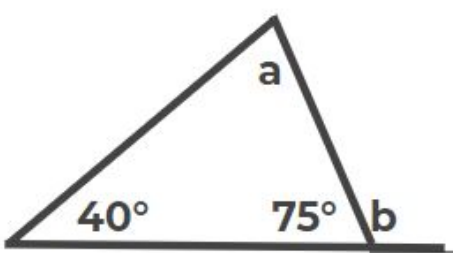


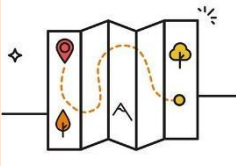



Cycle A White Rose Whole School Summer

	Year R Foundational Knowledge	Year 1/2	Year 3/4	Year 5	Year 6
Summer Term	<p>Verbal counting in patterns</p> <ul style="list-style-type: none">• Doubling• Sharing & grouping• Even & odd  <p>On the move</p> <ul style="list-style-type: none">• Patterns & relationships• Spatial mapping• Mapping <p>How many now? Add more How many did I add Take away How many did I take away?</p>  <p>Adding and subtracting using equipment</p> <p>Using 2D and 3D shapes to: Select shapes for their purpose Rotate shapes Manipulate shapes Explain shape arrangements Compose shapes Copy 2D shape picture.</p> 	<p>Money</p> <ul style="list-style-type: none">• Recognise coins and notes• Count money- pence• Count money pounds (notes and coins)• Count money – pounds and pence• Choose notes and coins• Compare amounts of money• Calculate with money• Make pounds• Find change  <p>Fractions</p> <ul style="list-style-type: none">• Parts and wholes• Equal and unequal parts• Recognise half• Find a half• Recognise quarter and find a quarter• Recognise a third and find a third• Find a whole• Unit fractions• Non-unit fraction• Recognise the equivalence of a half and two quarters• Recognise three quarters and find• Recognise three-quarters• Find three-quarters• Count in fractions up to a whole <p>Counting in 2s, 5s and 10s</p>  <p>Halves</p>  <p>Quarters</p> 	<p>Time</p> <ul style="list-style-type: none">• Tell the time to 5 minutes• Tell the time to the minute• Read time of a digital clock• Use am and pm• Convert between analogue and digital times• Convert between 12 – and 24 – hours clock times• Hours, minutes and seconds• Find and use durations• Years, months, weeks and days. <p>Decimals</p> <ul style="list-style-type: none">• Tenths as fractions• Tenths as decimals• Tenths on a number line• Hundredths as a fraction• Hundredths as a decimal• Hundredths on a place value chart• Halves and quarters as decimals• Make a whole• Partition decimals• Compare and order decimals• Round to the nearest whole number• Divide a number by 10• Divide a number by 100 <p>Money</p> <ul style="list-style-type: none">• Pound and pence• Write money using decimals• Convert pounds and pence• Compare amount of money• Estimate with money• Add money• Subtract money• Find change• Solve problems with money <p>Shape</p> <ul style="list-style-type: none">• Turns and angles• Identify angles• Compare and order angles• Types of lines• Triangles• Quadrilaterals• Polygons• Draw polygons	<p>Properties of shapes</p> <ul style="list-style-type: none">• Understand and use degrees• Classify angles• Estimate angles• Measure angles up to 180• Draw line and angles accurately• Calculate angles around a point• Calculate angles on a straight line• Lengths and angles in shapes• Regular and irregular polygons• 3-D shapes  <p>Position and direction</p> <ul style="list-style-type: none">• Read and plot coordinates• Problem solving with coordinates• Translation• Translations with coordinates• Line of symmetry• Reflection in horizontal and vertical line  <p>Decimal</p> <ul style="list-style-type: none">• Use know facts to add and subtract decimals with 1• Complements to 1• Add and subtract decimals across 1• Add/subtract decimals with the same number of decimal places• Add/subtract decimals with different number of decimal places• Efficient strategies of adding and subtracting decimals• Decimals sequences• Multiply by 10, 100 and 1000• Divide by 10, 100 and 1000	<p>Shape</p> <ul style="list-style-type: none">• Measure and classify angles• Calculate angles• Vertically opposite angle• Introducing angles• Angles in a triangle• Angles in a triangle – special cases• Angles in a triangle- missing angles• Angles in quadrilaterals• Angles in a polygon• Circles• Draw shapes accurately• Nets of 3-D shapes  <p>Position and direction</p> <ul style="list-style-type: none">• The first quadrant• Read and plot points in four quadrants• Solve problems with coordinates• Translations• Reflections <p>Themed projects, consolidation and problem solving</p> <ul style="list-style-type: none">• White Rosa Bakery• White rose Tours• Accommodation• White rose futures• Mortgage

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		<p>Time</p> <ul style="list-style-type: none">Months and daysHours, minutes and secondsO'clock, half pastQuarter pastTell time past the hourquarter totell the time to the hourtell the time to 5 minutesminutes in an hourhours in a dayTime problems  <ul style="list-style-type: none"> <p>Mass, capacity and temperature</p> <ul style="list-style-type: none">compare massmeasure in gramsmeasure in kilogramsfour operation with masscompare volume and capacitymeasure in millilitres and litresfour operation with volume and capacitytemperature  <p>Position and Direction</p> <ul style="list-style-type: none">Language of position<ul style="list-style-type: none">Describe turnsDescribe movement and turns 	<ul style="list-style-type: none">Symmetry3-D shapes <p>Position and direction</p> <ul style="list-style-type: none">Describe position using coordinatesPlot coordinatesDraw 2-D shapes on a gridTranslate on a gridDescribe translation on a grid <p>Statistics</p> <ul style="list-style-type: none">PictogramsInterpret bar chartsDraw bar chartsComparison, sum and differenceInterpret line graphsDraw line graphsTwo-way graphsCollect and represent data 	<ul style="list-style-type: none">Multiply and divide decimals – missing values <p>Negative numbers</p> <ul style="list-style-type: none">Understand negative numbersCount through zero in multiplesCompare and order negative numbersFind the difference <p>Converting units</p> <ul style="list-style-type: none">Kilograms and kilometresMillimetres and millilitresConvert units of lengthConvert between metric and imperial unitsConvert units of timeCalculate with timetables <p>Volume</p> <ul style="list-style-type: none">Cubic centimetresCompare volumeEstimate volumeEstimate capacity	
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