

Year 6 – Summer Term

This term contains SAT test week in May and a residential; for the two weeks prior to the tests, teachers will independently plan lessons that suit the needs of their children ahead of the SATs; after the SATs, skills will be reviewed, taught, extended or enriched through a more open-ended investigative and practical approach; three units build up the children’s financial awareness tackling issues like budgeting, profit and tax.

Unit 1	Unit 2	Week in mid-May	Unit 3: ‘Tours’
Statistics: interpret and construct	Each teacher plans bespoke lessons in readiness for SATS	SAT tests	Multi-objective project designed to develop awareness of financial affairs through planning and costing a trip
<ul style="list-style-type: none"> • Interpret pie charts using known facts and proportion • interpret a range of bar charts styles with variety of scales • Interpret information set out in line graphs 	Various – lessons will address the key gaps in arithmetic based on previous test outcomes and exposure to SAT-style reasoning questions	SATs week	Skills being applied during the unit: <ul style="list-style-type: none"> • Interpret line graphs • Convert metric and imperial measures • Calculating duration • 4 operation work based around money • Use ratio to convert between currencies • Solve correspondence problems • Use estimation, approximation and rounding in a variety of scenarios • Convert between 12 and 24hr time, allowing for time zone adjustments

Unit 4	Unit 5	Unit 6: 'Bakery'	Unit 7	Unit 8: 'Futures'	July 8 th – 12 th July
Properties of number	Data	Multi-objective project designed to develop awareness of financial affairs such as costs, profit, value for money in context of costing a recipe	Shape/space	Multi-objective project designed to develop awareness of financial affairs such as taxation/bills/budgeting/ mortgages	Activity week
<ul style="list-style-type: none"> • use common multiples in problem-solving contexts • Use efficient strategies to find all factors and to solve problems • Use rules of divisibility to help identify prime numbers • Solve problems with square and cube numbers • sort numbers according to their properties 	<ul style="list-style-type: none"> • Collect data and present in a pie chart • Collect data and present in a variety of bar chart formats (including stacked or dual) • Collect data and present in a line graph • Calculate the mean of a set of data 	<p>Skills being applied during the unit:</p> <ul style="list-style-type: none"> • Scaling a recipe up or down, including fractions • Applying 4 operation skills to a variety of money tasks • Converting between measures • Rounding decimals in context of money and measure • Apply percentage decrease and increase to costs • Apply conditions such as BOGOF/bulk purchase and percentage off in sale before comparing amounts of money • Use ratio to scale up or down • Create nets for 3D shapes • Investigate volume 3D shapes and surface area of faces <p>Solve variety of problems involving time elapsed, number puzzles etc</p>	<ul style="list-style-type: none"> • Solve area and perimeter problems • Solve problems relating to circles • Investigate angles inside a polygon • Use combinations of translations and reflections to make patterns • Investigate volume, including cubes, cuboids, compound 3D shapes, triangular prisms • Use branch diagram to sort shapes according to their properties 	<p>Skills being applied during the unit:</p> <ul style="list-style-type: none"> • Addition and Subtraction of decimals • Division (applying distributive law) • Multiplying decimals/ long multiplication • Calculating time elapsed • Calculating percentages • Calculate fractions of a quantity • Ordering large numbers • Use ratio to scale numbers up • Convert between units of time • Solve area and perimeter problems <p>Use formulae where a letter is used as a variable</p>	

