



Eton Porny C. of E. First School

Statistics and Algebra Progression

| | Key Stage 1 – (Year 1 & 2) | Lower Key Stage 2 - (Year 3 & 4) | Upper Key Stage 2 - (Year 5 & 6) |
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| To use statistics | <ul style="list-style-type: none"> • Interpret and construct simple pictograms, tally charts, block diagrams and simple tables. • Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity. • Ask and answer questions about totalling and comparing categorical data. | <ul style="list-style-type: none"> • Interpret and present data using bar charts, pictograms and tables. • Solve one-step and two-step questions (for example, ‘How many more?’ and ‘How many fewer?’) using information presented in scaled bar charts, pictograms and tables. • Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs. • Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs. | <ul style="list-style-type: none"> • Solve comparison, sum and difference problems using information presented in a line graph. • Complete, read and interpret information in tables, including timetables. • Interpret and construct pie charts and line graphs and use these to solve problems. • Calculate and interpret the mean as an average. |
| To use algebra | <ul style="list-style-type: none"> • Solve addition and subtraction problems involving missing numbers. | <ul style="list-style-type: none"> • Solve addition and subtraction, multiplication and division problems that involve missing numbers. | <ul style="list-style-type: none"> • Use simple formulae. • Generate and describe linear number sequences. • Express missing number problems algebraically. • Find pairs of numbers that satisfy an equation with two unknowns. • Enumerate possibilities of combinations of two variables. |