

Maths Foundation Sparks Summer Work 9-10

Topic	Sparx Code
Line and shape properties	U121
Solving double inequalities	U145
Calculating with speed	U151
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Expected results from repeated experiments	U166
Solving equations with two or more steps	U325
Finding percentages of amounts with a calculator	U349
Converting units of length, mass and capacity	U388
Writing probabilities as fractions	U408
Position-to-term rules for arithmetic sequences	U498
Drawing pie charts	U508
Reading and drawing inequalities on number lines	U509
Writing probabilities as fractions, decimals and percentages	U510
Interpreting bar charts, Writing numbers as percentages of other numbers	U557,U925
Sharing amounts in a given ratio, Finding unknown sides in right-angled triangles	U577,U283
Constructing and solving equations	U599
Solving quadratic equations graphically	U601
Percentage change with a calculator	U671
Probabilities of mutually exclusive events	U683
Writing and simplifying ratios	U687
Properties of 3D shapes	U719
Solving direct proportion word problems	U721
Rounding integers using significant figures	U731
Adding and subtracting fractions	U736
Solving inequalities with the variable on both sides	U738
Finding the lowest common multiple	U751
Solving equations with one step	U755
Understanding congruence	U790
Reflection	U799
Finding averages from diagrams	U854
Converting between fractions, decimals and percentages	U888
Finding fractions of amounts with a calculator	U916
Using a calculator	U926
Plotting graphs of quadratic functions	U989
Plotting graphs of quadratic functions	U989
Perimeter of simple shapes, Simplifying by collecting like terms, Symmetry	U993,U105,U849