

FOUNDATION: Possible Topics Paper 2 with Mathswatch Clip Numbers

Ordering Numbers (Decimals/Negatives) **Clip 2**

Reading Scales **Clip 4**

Negatives in Real Life **Clip 6**

Prime & Cube Numbers **Clip 9**

Shading in Fractions of Shapes **Clip 12**

Powers **Clip 26/45**

Number put into Product of Primes (Tree diagram with circles) **Clip 96**

HCF LCM **Clip 96**

Money Real Life Problems **Clip 50**

Number Machines **Clip 30**

Factorising into Brackets **Clip 104** Expanding Brackets **Clip 103**

Index Notation **Clip 111**

Area of a Circle **Clip 71**, Circumference of a Circle **Clip 72**

Tessellations **Clip 38**

Exchange Rates **Clip 64**

Graphs of equations (straight line & quadratic) **Clip 113, 114, Clip 116**

Trial & Improvement (at least 4 trials before going to the next decimal place) **Clip 110**

Pythagoras' Theorem **Clip 118**

Translation shapes (e.g. up 4, down 6) **Clip 77**

Loci (e.g. Dog lead around a building or points closer to A than B) **Clip 130**

Constructions **Clip 127 to 129**

Bounds (recognising when a question says 'rounded to...' 'to the nearest.....' **Clip 125**

Labelling 2 & 3D shapes and Parts of a Circle/ Names of solids **Clip 37**

The Averages **Clip 41**/Mean, Median, Mode from tables **Clip 41; Clip 133**

Conversion Graphs **Clip 43**

Forming Equations **Clip 106**

Reciprocals **Clip 22**

Finding the Nth Term **Clip 112**

Changing the subject of a formula **Clip 107**

Nets **Clip 82**

Loci/Bisecting **Clip 128/129/130**

Charts and Graphs **Clip 84 to Clip 88** (Frequency Diagrams, Pie Charts, Two way tables, scatter)

Reflection **Clip 75**

Converting Metric Units **Clip 124**

Congruent and similar shapes **Clip 32 and Clip 123**

Surface Area **Clip 120 Clip 121**

Distance Time Graphs **Clip 117**

Solving Inequalities **Clip 109**

Percentages of an amount **Clip 92**

Fractions of an Amount **Clip 55**

Timetables **Clip 25**

Hard Calculator Questions **Clip 63**

Change to a % with a calculator **Clip 53**

Drawing Triangles **Clip 80**

Volume of a Cuboid and convert to millilitres then litres **Clip 34**, Volume of a Prism **Clip 122**