

## **FOUNDATION**

### **TOPICS NOT ON PAPER 1**

Writing numbers in figures

Shape names, hexagon etc

Units of measures... cm used to measure

Reading meters like on placemats

Reading scales

Sequences

Money problems

Probability

Bearings and scale drawings

Finding fractions of amounts

Ratios of amounts and comparing sizes

Multiple bar charts

Means from frequency tables

Solving equations eg.  $W+4=9$ ,  $4x-2=10$ ,  $y/3 = -2$ ,  $5t+12=3(t+5)$

Indices

Standard form

Angles. Corresponding, alternate, interior

Writing formulas

Angles in polygons

Transformations – reflection, rotation, translation enlargement learn key lines  $y=x$ .

Pie charts

PERCENTAGES

BIDMAS

Quadratic graphs

VOLUME

surface area

Proportion 8 cakes cost £12 , how many do 3 cost?

Travel graphs

Shopping bills and missing values

NEGATIVE NUMBERS.  $-3^2$  is  $-3 \times -3 = 9$  not  $-9$  as calculator will read.  $(-3)^2$  will work.

Scatter graphs

Stem and leaf graphs

Pictograms

Naming parts of a circle

Drawing on isometric paper

Expanding and simplifying  $3(3w +1) - 5(3w - 2)$

Areas and circumference of circles

Conversion graphs.