## GCSE maths Langdon Park FOUNDATION topic list for calculator papers 2 and 3

Some topics we think are almost certain to be on the next two papers and strongly suggest you revise these thoroughly (use you revision guides and the prediction packs to help you)

ANGLES - none on paper 1 so we expect a LOT on papers 2 and 3 SOLVING EQUATIONS - none on paper 1 so we expect will be on paper 2 and 3 **CIRCLES** – nothing on p1 so will be on p2 and p3 BAR CHARTS – nothing on p1 so will be on p2 and p3 PLOTTING LINEAR GRAPHS - none on p1 so will be on p2 and p3 PRIME FACTORS/HCF/LCM- not on p1 so will be on p2 and 3 (make sure you know how to use your scientific calculator to find prime factors of any number) PYTHAGORAS - not on p1 so will be on p2 and 3 AREA OF 2D SHAPES (triangle/trapezium/ parallelogram) - not on p1 so will be on p2 and 3 VOLUME – not on p1 so will be on p2 and 3 PERCENTAGES which need a calculator - will be on p2 and 3 Other topics we think are very likely to be on papers 2 and 3 include: PLACE VALUE **FREQUENCY TREES PROBABILITY TREES INDEX LAWS** SPEED/DISTANCE/TIME **SEQUENCES CONSTRUCTION** (there is a special revision booklet on this for you) **PIE CHARTS USE OF CALCULATOR AVERAGES including FROM A FREQUENCY TABLE** TRANSFORMATIONS - reflections, translations, rotations on p1 ENLARGEMENTS could be p2 and 3 **BEARINGS** 

ERROR INTEVALS/ROUNDING

SCATTER GRAPHS

MORE ALGEBRA – expand and simplify etc

**MORE RATIO** 

And of course MORE MULTI-STEP PROBLEMS