Maths Feb 2024 PPE Foundation Topic Checklist

Paper 1: Non-calculator

Торіс	R	А	G
Powers and roots			
Decimal calculation			
Accurate measuring using geometry equipment			
Interpreting inequality symbols			
Reading number lines			
Order of rotational symmetry			
Collecting like terms			
Expanding and factorising single brackets			
Calculations with time			
Tally charts			
Bar charts			
Integer calculation			
Problems involving perimeter			
Calculations involving money			
Averages			
Describing polygons			
Drawing linear graphs			
Calculations with fractions			
Reflections			
Set notation			
Plotting graphs			
Exact trig values			
Equation of a straight line			
Describing correlations			
Estimations			
Problems including percentages			
Quadratic graphs			
Area of circles and sectors			
Factorising into double brackets			
Standard form			

Paper 2: Calculator

Торіс	R	А	G
Converting metric units of lengths and weight			
Problems involving temperature			
Percentage shown as diagrams			
Solving equations			
Converting between fractions, decimals, and percentages			
Bank statements			
Conversion graphs			
Estimation			
Averages			
Problems with ratio			
Forming equations			
Problems involving money			
Probability			
Congruent and similar shapes			
Two-way tables			
Rotations			
Pythagoras' theorem			
Bearings			
Definitions of faces, edges, and vertices			
Area of a trapezium			
Volume of prisms			
Speed/time/distance calculations			
Linear sequences			
Straight line graphs			

Paper 3: Calculator

Торіс	R	А	G
Percentages of amounts			
Place value			
Definitions of polygons			
Parts of a circle			
Factors of numbers			
Substitution into formula			
Rearranging formula			
Area of a triangle			
Writing co-ordinates			
Problems involving money			
Volume of prisms			
Pictograms			
Collecting like terms			
Converting between fractions, decimals, and percentages			
Listing outcomes			
Probability			
Scale diagrams			
Functions machines			
Arithmetic progression			
Frequency diagrams			
Venn diagrams			
Error intervals			
Categorising data			
Percentage increase and decrease			
Primes, cubes, squares			
Trigonometry			
Tree diagrams			
Simultaneous equations			
Volume and surface area of a cylinder			
Area of a parallelogram			
Averages			
Angles in parallel lines			