HIGHER TIER CALCULATOR PAPER
Priority of operations and round to significant figures
Area of a triangle and trapezium
Set up and solve two linear simultaneous equations
Mean and range
Pie Charts
Best value money problem
Use angle facts in polygons
Percentage change using decimal or fractional multipliers
Complete a tree diagram and solve problems
Use trigonometry, area of a circle, area of a triangle in geometry problems
Calculate upper and lower bounds of a calculation & use speed = distance ÷ time
Box Plots

HIGHER TIER NON CALCULATOR PAPER
Divide a decimal by a decimal
Complete a sample space diagram for two events and work out probabilities
Speed = distance ÷ time problem involving unit conversions, fractions, percentages
Scattergraph
Construct angle bisector to identify loci of points
Estimate a calculation involving compound units, density = mass ÷ volume
Fraction calculation using ratio of two parts as a fraction of a whole
Set up and solve linear equation for an algebraic perimeter problem
Find nth term of a fractional sequence
Expand and simplify products of more than two binomials
Calculate with equivalent fractions and convert recurring decimal to an exact fraction
Rearrange volume of sphere and cone formulae to formulate an algebraic expression

FOUNDATION CALCULATOR PAPER
Identify an even number, multiple, cube number and prime
Find the median and range
Draw next pattern in a sequence and identify rule
Inverse operations
Listing combinations
Express one quantity as a fraction of another
Coordinates and equations of lines
Identify equation of a vertical line
Substitute numerical values into a formula & solve linear equation
Write a ratio in its simplest form
Percentage increase
Calculate mean from a frequency table
Priority of operations and rounding to significant figures
Area of a triangle and trapezium

FOUNDATION NON CALCULATOR PAPER
Add and subtract decimals
Subtraction and division involving negative numbers
Use the language of circles
Interpret a probability scale, expressing as a fraction
Write a decimal as a fraction
Write an improper fraction as a mixed number
Subtract fractions and express in simplest form
Divide fractions and express in simplest form
Simplify algebraic expression by collecting like terms
Laws of indices
Recognise number sequences
Multiply decimals and find the difference of whole numbers
Estimate a calculation involving units of measure
Divide a decimal by a decimal
Complete a sample space diagram for two events
Speed = distance ÷ time problem involving unit conversions, fractions, percentages
Limitations of speed calculation
Scattergraph
Identify an outlier
Set up and solve linear equation for an algebraic perimeter problem
Interpret solution by substituting into given algebraic expressions