EDEXCEL FOUNDATION CHECKLIST 2020-21

FOUNDATION - Grades 1 - 5

Geometry and Measures

I can do this	Grade	Title
	5	Arc lengths and sectors
	5	Derive triangle results
	5	Enlargements and negative SF
	5	Loci
	5	Pythagoras
	5	Similarity and Congruence
	5	Standard constructions
	5	Surface Area
	5	Trigonometric ratios
	5	Volume
	4	Alternate and corresponding angles
	4	Area of a circle
	4	Areas of composite shapes
	4	Areas of triangles, trapezia and parallelograms
	4	Bearings
	4	Circle terminology
	4	Circumference of a circle
	4	Congruent triangles
	4	Enlargements and fractional SF
	4	Perimeter of 2D shapes
	4	Plans and elevations
	4	Polygons
	4	Solve geometrical problems
	4	Vector arithmetic
	4	Volume of prisms
	3	3-D Shapes
	3	Congruent and similar shapes
	3	Geometrical terminology and diagrams
	3	Measuring lines and angles
	3	Properties of quadrilaterals
	3	Properties of triangles
	3	Translations and vectors
	3	Using standard units

Algebra

I can do this	Grade	Title
	5	Algebraic terminology
	5	Cubic and Reciprocal graphs
	5	Deduce quadratic roots algebraically
	5	Derive an equation
	5	Equation of a line
	5	Expand the product of two binomials
	5	Factorising quadratic expressions
	5	Fibonacci, quadratic and simple geometric sequences
	5	Graphical solution to equations
	5	Inequalities on number lines
	5	Linear equations
	5	Quadratic graphs
	5	Reciprocal real-life graphs
	5	Simplify indices
	5	Simplify surds
	5	Solve linear inequalities in one variable
	5	Writing formulae and expressions
	4	Changing the subject
	4	Collecting like terms
	4	Expressions
	4	Factorise single bracket
	4	Finding the equation of a line
	4	Graphs of linear functions
	4	Graphs of quadratic functions
	4	Linear equations one unknown
	4	Multiplying single brackets
	4	Non-standard real life graphs
	4	nth term of a linear sequence
	4	Number machines
	4	Substitution
	4	Using "y = mx + c"
	3	Coordinates in four quadrants
	3	Plotting straight line graphs
	3	Position to term rules

	3	Sequences of square, triangular and cube numbers
	3	Using Formulae
	2	Sequences and Rules

Statistics

I can do this	Grade	Title
	5	Histograms with equal class widths
	5	Scatter graphs
	4	Comparing data using graphs
	4	Comparing Distributions
	4	Correlation
	4	Population
	4	Sampling
	4	Scatter Diagrams
	4	Time series
	3	Charts and Diagrams
	3	Pie Charts
	3	Types of data
	3	Vertical Line Charts

Ratio, Proportion and rates of change

I can do this	Grade	Title
	5	Compound Units
	5	Gradient & the rate of change
	5	Growth and decay
	5	Interpret Proportion
	5	Percentage change
	5	Problems with compound units
	5	Scale factors and similarity
	5	Simple Interest and Financial Maths
	5	Solve Proportion Problems
	4	Compare Fractions, Decimals and Percentages
	4	Compare lengths, area, volume
	4	Comparing quantities as a ratio
	4	Division of a quantity as a ratio
	4	Express one quantity as a % of another
	4	Percentage change
	4	Problems involving ratio
	4	Proportion and ratio
	4	Ratio and fractions
	4	Ratio Sharing
	3	Convert standard units
	3	Express one quantity as a fraction of another
	3	Use ratio notation
	3	Use scale factors, diagrams and maps

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Number

I can do this	Grade	Title
	5	Calculating with fractions
	5	Error intervals
	5	Index Laws
	5	Limits of accuracy
	4	Adding and subtracting fractions
	4	Checking calculations
	4	Compound measures
	4	Converting metric units
	4	Estimation
	4	Fractions and percentages
	4	Fractions and ratio problems
	4	Interpret calculator displays
	4	LCM and HCF
	4	Multiples and factors
	4	Multiplying fractions
	4	Operations
	4	Order of operations
	4	Powers
	4	Rounding
	4	Standard Form
	4	Terminating decimals and fractions
	3	Decimals
	3	Listing outcomes
	3	Prime numbers
	3	Using standard units
	2	Add and Subtract integers
	2	Dividing integers
	2	Multiplying integers
	2	Ordering numbers
	2	Place value

Probability

I can do this	Grade	Title
	5	Probability of dependent events
	5	Probability of independent events
	4	Mutually exclusive sum
	4	Relative Frequency
	4	Tables and Grids
	4	Theoretical Probability
	4	Unbiased Samples
	4	Venn Diagrams
	3	Frequency Trees
	3	Probability of equally likely outcomes

Exam details:

Edexcel GCSE Mathematics A - Foundation

Exam Dates:

Paper 1 (non-calc) – Thursday 21st May 2019 AM

Paper 2 (calc) – Thursday 6th June 2019 AM

Paper 3 (calc) – Tuesday 11th June 2019 AM

All papers 90 mins each

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