Year 11 home work: AQA exam papers

YEAR 11

HIGHER

Statistics: Cumulative freq, Histograms
Geometry: Trig Functions
Algebra: Fractions, surds, proof

Geometry: Circle theorems Further Trigonometry
Algebra(R): Direct inverse proportion

YEAR 11 MOCK 1

Geometry: Circle Geometry Vectors Geometric proof
Algebra: Gradients, area under graph

YEAR 11 MOCK 2

Revision: Revision Carousel

Mock feedback, paper by paper .

Revision: Mock feedback, paper by paper review, targeted revision & exam skills

FOUNDATION

Number: Indices, Powers, roots
Algebra: Expressions, substitution
Statistics: Pie charts, scatter graphs

Number: Percentages
Algebra: sequences, nth term
Geometry: Trig, Pythagoras

MOCK 1 Non Calculator

Ratio & proportion:
Algebra: quadratic graphs
Geometry : Vectors

MOCK 2 Non Calculator

Revision: Revision Carousel

Mock feedback, paper by paper .

Revision: Mock feedback, paper by paper review, targeted revision & exam skills

MOCK 1 Calculator

MOCK 2 calculator

Inter. Maths Challenge

Fluency Reasoning Problem Solving

GCSE EXAM PAPER 1

GCSE EXAM PAPER 2

GCSE EXAM PAPER 3

College FOR L2/3 STUDY

L2/3 APPRENTICESHIP

WORK EXPERIENCE

END OF YEAR 10 ASSESSMENT PAPER 3

END OF YEAR 10 ASSESSMENT PAPER 1

Homework paper reviews will help focus in lesson revision

Use Corbett maths to help you revise

Corbettmaths

Year 11: attend revision after school to support and boost your Maths knowledge

YEAR 10

HIGHER

Statistics: collecting data
Algebra: Quadratics, Cubics, Circles

Geometry: Similarity, Congruence
Statistics: Venn diagrams, Tree diagrams

Statistics: Probability
Geometry: Constructions, loci, bearings

Algebra: Quadratics
Number: a/b , reciprocals, Indices, standard form

Algebra: sequences
Geometry: Constructions
Algebra: inequalities

Ratio & proportion: Proportion
Geometry: Pythagoras , Trigonometry

Statistics: av. Range, graphs
Algebra: solving quadratics
Number (R): Multiplicative reasoning

Geometry: 3D forms , volume
Algebra: straight line graphs
Geometry: Transformations

Number: Accuracy, Bounds.
Geometry: Transformations
Algebra: Quadratic graphs.

Number: FDP
Algebra: Inequalities
Geometry: Interior, exterior angles
Statistics: MMMR

Number: Standard Form, Surds
Algebra: Linear graphs, co-ordinates

Number: Decimals
Algebra: Expression, expanding ,factorising.
Statistics:

FOUNDATION

Yr 9 & 10 assessments are real GCSE questions

GCSE Maths:
P1: non-calculator
P2: calculator
P3: calculator

Calculator skills will be covered in EVERY topic

Year 9 & 10 HW is regularly set on Maths Watch

MathsWatch

YEAR 9

HIGHER

Number: Calc. and rounding
Algebra: expressions
Statistics: MMMR

Geometry: Angles, Pythagoras and Trig.
Number: Fractions and applications

Algebra: Equations.
Number: Indices and BIDMAS
Algebra: quadratics

Algebra: Simultaneous equations
H. Data: scatter graphs
Number: %

Geometry: Transformation.
Ratio & proportion: ratio and problem solving

Algebra: Graphs, incl. real life
Number: Types of number
Geometry: Area, perimeter ,circles

Number: Ratio & Proportion
Statistics: probability independent events

Geometry: Plans & elevations
Geometry (N): Circles, cylinders, cones Similarity and congruence

Geometry: Pythagoras
Statistics: Probability
Ratio: multiplicative reasoning

END OF YEAR 9 ASSESSMENT PAPER 1

END OF YEAR 9 ASSESSMENT PAPER 2

Inter. Maths Challenge

Calculating Tax

Smaths in Science

FOUNDATION

Number: Integers, p.v.
Algebra: Expressions
Statistics: information from tables

Statisctics: Data Sampling.
Geometry (A): perimeter /area
Geometry: real life graphs

Number: using fractions
Algebra: solving equations
Geometry: Properties of shape

You may notice more exam style questions in lessons

Personal Finance

SUPPORT!
If you are unsure seek out your teacher

Always be PROUD of your work

Progress tests every term

ESSENTIAL MATHS EQUIPMENT:

Yr 6 Maths challenge

YEAR 8

Reasoning with Data: Data handling cycle Measures of location

Developing geometry: Angles, parallel lines Area, trapezia and circles Line symmetry

Developing Number: Fractions and % Standard index form Number sense

Algebraic techniques: Brackets equations inequalities Sequences Indices

Representations: Cartesian plane Collecting & using data Tables

Proportional Reasoning: Ratio and scale Multiplicative change x / ÷ Fractions

END OF YEAR 7 ASSESSMENT

Topic assessments every 2/3 weeks.

Year 7 & 8 have homework books and online tasks.

Junior Maths Challenge

Careers

Code breaking

YEAR 6

TRANSITION VISITS Maths lesson

OPEN EVENING: Come and see maths

YEAR 5

YEAR 7

Place Value and Proportion: PV, ordering integers and decimals FDP equivalence

Algebraic Thinking: Sequences Algebraic notation Equality and equivalence

Application of Number: Solving problems + / - Solving problems x / ÷

Directed Numbers: Four operations

Fractional Thinking: + / - Fractions

Lines & Angles Constructing, measuring, using notation Develop reasoning

Reasoning: Develop number sense Sets and probability Prime numbers Proof

SATS

CHALLENGE!

Develop your understanding: Fluency, Reasoning then Problem Solving