

YR9 REVISION LIST – APRIL 2018

English	Understand key terms: words, phrases, language features, language techniques, sentence forms, structure. Select appropriate examples of language; analyse the effects of the selected examples on the reader. Select appropriate examples of structure; analyse the effects of the selected structural feature. Evaluate in relation to a given statement; focus on the given statement; evaluate the ideas in the text; evaluate the effects of the writer's methods; support with textual references. Make use of subject terminology in all your answers.
Science	B1.1 - Cell Biology (www.mrcorfe.com/KS4/B1.1/PLC/ and www.mrcorfe.com/KS4/B1.1/Flashcards) C1.1 - Atomic Structure (www.mrcorfe.com/KS4/C1.1/PLC/ and www.mrcorfe.com/KS4/C1.1/Flashcards) P1.1 - Energy (www.mrcorfe.com/KS4/P1.1/PLC/ and www.mrcorfe.com/KS4/P1.1/Flashcards)
French	All GCSE topics (all 3 themes) Linguascope revision intermediate pages.
Spanish	All GCSE topics (all 3 themes) Linguascope revision intermediate pages.
Geography	Coastal Landscapes of the UK, River Landscapes of the UK, Resource Management and Water. Revision sheets will be on Show My Homework.
History	COLD WAR & ELIZABETH - The help guides are on Show My Homework.
R.E	Christian beliefs: Nature of God (omni words, just), Judgement, Salvation, Creation. Theme E: Religion and Life; Origins of the universe, abortion and euthanasia.
Computer Science	All topics Teach-ICT UN: SO31 4NE PW: computing.
Media	Media Language: Revise the four key technical areas and key terminology. Revise the conventions of action, horror, and romance.

Technology	Revision materials complete in lesson and on SMH
Engineering	Learning aims A+B. Engineering sectors Processes Materials - smart, new, metals, composites New technologies- Blended wing bodies, Biometrics, fibre optics, hydrogen fuel cells.
Music (GCSE)	Use the revision documents I have given you "How to Blitz your GCSE Music exam".
Drama	Line learning for practical exam

FOUNDATION

The following shows how many times each topic has appeared in the 7 sets of exam papers Edexcel has issued - ACROSS ALL PAPERS

Topic	
Fractions (add, subtract, multiply, divide) including mixed numbers	8
Fractions decimals percentages Conversion	6
Area + costings. Area of compounds. Area of a circle	6
Estimations - over or under	6
Ratio - when given one value	5
Sequences - including simple rules, nth term and quadratics.	5
Indices - calculating the vale and index laws. Negative / fractional.	5
Round to decimal places + significant figures	4
Money calculations / change/ unitary method / division problems	4
Forming and solving. (Applied to angles or ratios).	4
Volume of a prism	4
Angle facts and reasons	4
Proportion - multiplicative reasoning	4
Product of primes	4
Ordering numbers - decimals and negatives	3
Convert between units of measure including time (mins to hours)	3
Squares, primes, odds, evens. Give examples.	3
Percentage increase and decrease	3
Draw and critique bar chart	3
Substitution into formulae	3
Ratio - simplify + share	3
Simplify, expand, factorise, solve.	3
Forming expressions	3
Plotting graphs, linear, quadratic, cubic.	3
Percentage of an amount	2
Reverse percentages	2
Multiplication - gelosia.	2
Properties of shapes 2D and 3D	2
Probability as a fraction - including listing outcomes	2
Frequency table - tally	2
Stem and leaf / averages / compare	2
Averages including mean from a table	2
Transformations	2
Scatter graphs	2
Pie charts	2
Standard form	2
Pythagoras (non calc!) - look for this in the area questions.	2
Place Value	1
Co-ordinates and midpoints	1
Value for money	1
Function machines inputs outputs	1
Two-way tables	1
Venn diagrams - probability	1
Frequency tree with probability	1
Probability trees	1
Speed Distance Time	1
Distance Time graphs	1
Interpretation + equation of $y=mx+c$	1
Error intervals	1
Vectors	1

Topic	
Ratio - simplifying, sharing, one value known, recipes	8
Area - circles, compound shapes and costings	5
Transformations	5
Graphs, straight lines, quadratics, reciprocal	5
Solving equations - one step, 2 step, xs on both sides	5
Circle - parts of a circle + area	4
Sequences - simple, nth term and quadratic terms	4
Percentages - increase/decrease/ change/	4
Multiples and factors	4
Cube numbers	3
Ratio as a fraction	3
Expand and factorise quadratics (double brackets)	3
Fraction Decimal Percentage conversion	2
Probability as a fraction	2
listing outcomes	2
Properties of shapes 2d and 3D	2
Scale drawings converting measures	2
Angle facts and reasonings	2
Percentages - Simple interest + compound interest	2
Pie charts	2
Using a calculator	2
Inequalities	2
Scatter graphs	2
Standard form	2
Forming and solving	2
Plans and elevations	2
Loci and bisectors	2
$Y= mX+c$. Gradients	2
Error intervals	2
Relative frequency	1
Probability tree diagrams	1
Venn diagrams - probability	1
Frequency trees	1
Simultaneous equations	1
Dual bar charts	1
Indices	1
Pythagoras / trigonometry	1
Congruency and similar shapes	1

Topic	
Ratio - simplifying, sharing, one value known, recipes	8
Simplify, factorise, expand, solve	6
Averages - including from a table	5
Fractions of an amount / equivalent / compare	5
Money problems - change	4
Converting units of measure	4
Angle facts and reasoning	4
Trigonometry - missing side / angle	4
Simultaneous equations	4
Ordering numbers, decimals, negatives	3
Straight line graphs - cubic, reciprocal	3
Change the subject	3
Reverse percentages	3
Percentages and fractions of amounts	3
Standard form	3
Volume	3
Proportion	3
Probability - scale, adding to one, problems.	3
Multiplicative reasoning	3
Rounding to the nearest 10,100,1000	2
Bar charts - draw and interpret	2
Sequences	2
Prime numbers, square numbers	2
Currency conversions	2
Scale drawings / maps	2
Frequency polygons	2
Areas - circles and compound shapes	2
Surface area	2
Speed, distance, time	2
Interest - compound, simple, depreciation	2
Transformations	2
Venn diagrams	2
Product of primes	1
Conversion graphs	1
Angles in polygons	1
Pythagoras	1
Lowest common multiple - worded	1
Expanding double brackets (squared)	1
Probability tree diagrams	1
Index laws	1
Vectors	1
Loci	1
Recognising graphs	1
Mass, density, volume	1
BIDMAS	1
Travel Timetables	1
Inequalities	1
Relative frequency + estimated number of outcomes.	1
Reciprocals	1
Pictograms	1

HIGHER

The following shows how many times each topic has appeared in the 7 sets of exam papers Edexcel has issued - ACROSS ALL PAPERS

Vectors	10
$y=mx + c$	10
Probability tree diagram	10
Surds	10
compound interest / depreciation	10
algebraic fractions	9
Algebraic proof	9
direct / indirect proportion	8
transformations	8
Forming expressions / EQUATIONS	8
conditional probability	8
velocity time graphs	7
Volume of a sphere	7
Geometric proof	7
sine cosine rule	7
compound area	7
functions	7
indices	7
combinations	7
Fractional and negative indices	7
standard form - worded	7
speed distance time	6
Volume of a prism	6
volume / mass / density	6
similar figures - LAV	6
Trigonometry	6
arc / sector	6
Changing the subject - repeated factor	6
completing the square	6

transformation of curves	6
expanding double/triple brackets	6
scatter diagrams / extrapolation	6
comparing box plots	6
histograms	6
Recurring decimal to fraction	6
standard form basic	6
Sharing in a given ratio	5
angles I polygons	5
Quadratic sequences	5
simultaneous equations	5
regions	5
iteration	5
recognising graphs	5
Cumulative Frequency	5
Reverse Mean	5
calculations involving bounds	5
error intervals	5
Multiplicative reasoning	4
exchanging currency	4
simplifying double ratios	4
Circle theorem	4
Pythagoras theorem	4
area of circle problems	4
Probability add to 1	4
four operations mixed number/fraction	4
Percentage increase	4
reverse percentages	4
estimation	4

Angles on parallel lines	3
plans and elevations	3
factorising the difference of two squares	3
frequency polygons	3
Venn diagrams	3
product of prime factors	3
ratio to fraction	2
distance time graphs	2
loci	2
circumference problems	2
solving quadratic simultaneous equations	2
forming and solving quadratic equations	2
finding roots using a graph	2
solve quadratic inequality	2
time series	2
median from a frequency table	2
mean from a table	2
relative frequency	2
LCM / HCF word problems	2
capture / recapture	2
Finding the reciprocal	2
proportion graphs	1
PRESSURE FORCE	1
Surface area	1
bearings	1
quadratic formula	1
turning points	1
factorising a quadratic	1
Forming a two way table	1