

Revision List Year 9

Science

Inheritance and genome, Periodic table, Infectious disease, More electrical circuits, waves, Biodiversity and Human impact, Understanding chemical reactions, Floating and sinking, More about force, Motion.

English

Cold assessment on reading: Pupils will be tested on their ability to select relevant information and analyse meanings in an unseen text.

Cold assessment writing: Pupils will be tested on their ability to write a fiction story. Pupils will be assessed on the structure of their plot, characterisation and spelling, punctuation and grammar.

Maths

Number

Topic	Topic code	R	A	G
Using standard form with positive indices	U330			
Using standard form with negative indices	U534			
Multiplying and dividing numbers in standard form	U264			
Adding and subtracting numbers in standard form	U290			
Standard form with a calculator	U161			

Algebra

Topic	Topic code	R	A	G
Expanding single brackets	U179			
Expanding double brackets	U768			
Simplifying expressions by collecting like terms	U105			

Changing the subjects of formulae	U556			
Reading and plotting coordinates	U789			
Calculating midpoints	U933			
Plotting straight line graphs	U741			
Finding equations of straight line graphs	U315			
Finding the equation of a straight line from its gradient and a point	U477			
Finding the equation of a straight line from two points on the line	U848			
Term-to-term rules	U213			
Position-to-term rules for arithmetic sequences	U498			
Special sequences	U680			

Geometry

Topic	Topic code	R	A	G
Understanding congruence	U790			
Congruent triangles	U866			
Understanding similarity	U551			
Finding unknown sides in similar shapes	U578			
Using Pythagoras' theorem in 2D	U385			
Understanding sin, cos and tan	U605			
Finding unknown sides in right-angled triangles	U283			
Finding unknown angles in right-angled triangles	U545			
Symmetry	U849			

Probability

Topic	Topic code	R	A	G
Writing probabilities as fractions	U408			
Expected results from repeated experiments.	U166			

Probabilities of mutually exclusive events	U683			
Venn diagrams	U476			
Tree diagrams for independent events	U558			