KS3 Year 9 CURRICULUM OVERVIEW

Topics being taught

SPARX codes

SUBJECT: MATHS

AUTUMN TERM

Number 6
Multiplying & Dividing
Fractions
Probability 2
Probability diagrams

Ratio and proportion 5
Percentage change
Number 7

Algebra 8
Algebraic sequences
Algebra 7
Modelling with graphs

Permutations
Shape and space 9
Describing transformations

Number6 – M157, M110, M197
Multiplying/Dividing– M265, M645
Probability 2– M718, M829, M419
Probability diagrams– M755
Algebra 8 – M381, M991, M166
Algebraic sequences– M981
Algebra 7 – M843, M771, M205
Modelling with graphs – M751
Ratio/Proportion 5 – M476, M533, M235
Shape/Space 9 – M139, M290, M910
Describing transformations – M178, M881

SPRING TERM

Shape and Space
Similarity and enlargement
Algebra 9
Laws of Indices

Algebra 10

Factorising & solving
quadratics

Algebra 9
Algebraic manipulations
Number 8
Calculating with standard form

Statistics 2

Data from tables/correlation

Shape & Space – M377, M324, M124
Law of indices/Algebra 9– M608, M150, M120
Algebra 9– M795, M531, M792
Algebraic manipulation– M100
Number 8 – M719, M678
Algebra 10 –M960, M908, M100
Statistics 2 – M899, M127, M769
Data from tables/correlation – M596

SUMMER TERM

Shape and Space8
Circles, Arcs and
Sectors

Algebra 11
Inequalities

Ratio & Proportion 6
Bearings and Scale
drawings

Shape and Space 10
Polygons

Shape/Space 8– M169, M231, M280
Circles, Arcs, Sectors– M430
Ratio/proportion 6– M112, M260, M416
Algebra 11– M384, M118, M732
Shape/Space10– M653, M276

HARROGATE
GRAMMAR SCHOOL
EXCELLENCE FOR ALL