KS4 YEAR 11 CURRICULUM OVERVIEW – FOUNDATION LEVEL

SUBJECT: MATHS FOUNDATION

Topics being taught

SPARX codes

AUTUMN TERM

- Core Number revision
- Ratio and Proportion revision
- Algebra revision part 1
- Probability revision
- Algebra revision 2
- Sampling and averages
- Pythagoras and trigonometry revision
- Transformation

Core number– U480, U298, U742, U888
Ratio/proportion– U687, U176, U721
Algebra part 1– U179, U365
Probability– U408, U510, U558, U729
Algebra part 2– U755, U235
Sampling and averages– U162, U291, U456, U569
Pythagoras and trigonometry – U385, U283, U545
Transformation – U196, U799, U696, U519

SPRING TERM

- Real Life graphs
- Circles
- Product of primes, HCF&LCM, roots
- Coordinates and graphs
- Focused topics for mocks

Real life graphs– U403, U914, U462
Circles– U604, U950, U221
Product of primes, HCF, LCM, roots– U739, U751, U851
Coordinates & graphs– U741, U315, U669

SUMMER TERM

- Focused topics post mocks
- Past papers

Focused topics– U480, U298, U976, U926, U291

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KS4 YEAR 11 CURRICULUM OVERVIEW – HIGHER LEVEL

SUBJECT: MATHS HIGHER

Topics being taught

SPARX codes

AUTUMN TERM

Algebra 15 part 1

Probability 3

Conditional probability

Ratio & proportion 8

Proportionality

Algebra 15 part 2

Shape and Space 16

Circle Theorems

Algebra 16
Functions
Algebra 17
Iteration

Algebra part 1– U675, U181, U191, U707, U281
Probability 3– U296, U821, U699
Conditional probability – U806
Ratio/proportion 8– U721, U357, U138
Proportionality– U364
Algebra part 2– U675, U191, U707, U499
Shape and Space 16– U459, U251, U489
Circle theorems– U130
Algebra 16 – U637, U895, U448
Functions – U996
Algebra 17– U4345, U168

SPRING TERM

Shape and Space 18
Sine and Cosine
Algebra 18

Calculus
Shape and Space 17
Vectors

Focused topics from mocks

Shape and Space 18– U952, U591, U164
Algebra 18– U582, U800
Shape and Space 17– U632, U903, U781

SUMMER TERM

Focused topics post mocks

Past papers

Focused topics– U480, U298, U976, U926, U291

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