

Mathematics

Year 11

Topics studied:

FOUNDATION

Autumn 1

- Fractions, indices and standard form
- More algebra

Autumn 2

- More algebra

Spring 1

- REVISION

Spring 2

- REVISION

Summer 1

- REVISION

HIGHER

Autumn 1

- Vectors and geometric proof
- Proportion and graphs

Autumn 2

- Proportion and graphs

Spring 1

- REVISION

Spring 2

- REVISION

Summer 1

- REVISION

Exam Board:

Edexcel

Assessment Structure:

How is it assessed?

3 examination papers at the end of year 11.

Paper 1- Non-calculator

Paper 2- Calculator

Paper 3- Calculator

Keywords that students must know, and be able to spell, by the end of the course:

Mean, Median, Mode, Average, Perimeter, Area, Axis, Substitute, Solve, Reflect, Enlarge, Scale factor, Rotate, Translate, Transform, Center, Ratio, Share, Proportion, Hypotenuse, Sine, cosine, tangent, Chance, Evens, Certain, Relative frequency, Probability, Density, Volume, Pressure, Force, Speed, Construct, Loci, bearing, Quadratic, Linear, Cubic, Reciprocal, Equation, Identity, Expression, Formula, Inequality, Similar, Congruent, Sample, Radius, Diameter, Segment, Sector, Tangent, Chord, Arc.

Subject specific websites to support revision and independent learning:

www.mymaths.co.uk

<https://qualifications.pearson.com/en/qualifications/edexcel-gcses/mathematics-2015.html>

www.mathsgenie.co.uk

www.mathsbot.com

<https://mathsapp.pixl.org.uk/>

<https://www.cazoommaths.com/>

<https://corbettmaths.com/>

<https://www.desmos.com/>

<https://www.dr frostmaths.com/>

<https://mathsupgrade.co.uk/index.html>

<https://www.piximaths.co.uk/>

<https://www.pinpointlearning.co.uk/>

Pearson revise app (downloadable on android and iphone)

To help your child this year you can:

- Use the curriculum resources available on the school website.
- Purchase the Pearson revision guide and workbook using parent pay.

Find past examination papers on the Edexcel website.