



## Mathematics

### Revision

The key to success at GCSE mathematics is regular practice. In addition to regularly working through questions in a revision guide we recommend the following to help your child reach their full potential at the end of year 11.

#### 5-a-day

Visit [www.corbettmaths.com](http://www.corbettmaths.com) and click on 5-a-day GCSE 9-1. Here you will find 5 questions for every day of the year. Students should aim to complete their 5-a-day 3-5 times a week.

Your child’s teacher can direct them to the suitable difficulty but as a rough guide:

Numeracy - broadly designed for students aiming for Grades 1, 2 and 3.

Foundation - broadly designed for students aiming for Grades 3 and 4.

Foundation Plus - broadly designed for students aiming for Grades 4, 5 and 6.

Higher - broadly designed for students aiming for Grades 6 and 7.

Higher Plus - broadly designed for students aiming for Grades 8 and 9.

#### Exam question practice

Visit [www.corbettmaths.com](http://www.corbettmaths.com) and click on videos. Students should focus on revising topics covered early in year 10 listed below. Students should watch the online video then answer the exam questions, answers are provided for students to mark their own work.

Higher - topic	Video clips	Foundation - topic	Video clips
Angles	25, 32, 37, 39	Angles	25, 30-35, 37, 39
Scale diagrams and bearings	26, 27, 283	Scale diagrams and bearings	26, 27, 283
Factors and multiples	218, 219, 223, 224	Basic number	202, 206, 207, 208, 209, 211, 212
Fractions and decimals	133, 134, 138, 141, 142, 144	Factors and multiples	216, 218, 219, 220, 223
Rounding	276-280	Fractions and decimals	132, 133, 134, 135, 136, 137, 142
Basic algebra	13, 14, 15, 117, 118	Rounding	276-279
Coordinates and linear graphs	86, 87, 88, 185-198	Basic algebra	9, 13, 14, 117
Collecting and representing data	162-168, 153, 154, 157-159	Coordinates and linear graphs	84, 85, 87, 186
Sequences	288-290, 388	Collecting and representing data	161-168
Circumference, area and perimeter	40-49, 58-60, 63	Sequences	286-288
Real life graphs	171	Circumference, area and perimeter	40-45, 48, 49, 59, 60
Ratio and proportion	254-256, 269-271	Real life graphs	171
Indices	172-175	Ratio and proportion	256, 269-271
Standard form	300-303	Indices	172, 174
Surds	305-308	Standard form	300