

# Maths@SMHS

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The following resources are suitable for students to work on at home. As ever, the most important thing that students can do is practice. Remember - don't practice until you get it right, practice it until you don't get it wrong.

## **Year 10 & 11**

Use the free websites below which contain practice questions (many which can be marked online) along with support videos and resources.

1. GCSE Pod (<https://www.gcsepod.com/>)
2. OnMaths ([www.onmaths.com](http://www.onmaths.com))
3. PIXL maths app (<https://mathsapp.pixl.org.uk/>)
4. Corbett Maths ([www.corbettmaths.com](http://www.corbettmaths.com))

We study the Edexcel GCSE, who offer access to past papers and mark schemes through their website: <https://qualifications.pearson.com/en/qualifications/edexcel-gcses/mathematics-2015.html>

## **Year 9 (Foundation)**

For each topic, watch the video before answering the 'practice questions' or 'textbook exercise' which are linked next to the video. Answers are available – follow the links from the video page.

### ***Fractions***

Videos 132 – 146 on [www.corbettmaths.com](http://www.corbettmaths.com).

### ***Percentages***

Videos 233 – 240 on [www.corbettmaths.com](http://www.corbettmaths.com).

## **Year 9 (Higher)**

For each topic, watch the video before answering the 'practice questions' or 'textbook exercise' which are linked next to the video. Answers are available – follow the links from the video page.

### ***Angles***

Videos 25 - 39 on [www.corbettmaths.com](http://www.corbettmaths.com).

### ***Pythagoras***

Videos 257 – 263 on [www.corbettmaths.com](http://www.corbettmaths.com).

## **Year 8**

Use the PIXL timestable app (<https://timestable.pixl.org.uk/Timestables.html>) at least once a day for around 10-15 minutes.

For each of the following topics, watch the video before answering the 'practice questions' or 'textbook exercise' which are linked next to the video. Answers are available – follow the links from the video page.

### ***3D shapes***

Videos 355 – 358 on [www.corbettmaths.com](http://www.corbettmaths.com).

### ***Pictograms***

Videos 161 - 162 on [www.corbettmaths.com](http://www.corbettmaths.com).

### ***Pie Charts***

Videos 163 - 164 on [www.corbettmaths.com](http://www.corbettmaths.com).

### **Year 7**

Use the PIXL timestable app (<https://timestable.pixl.org.uk/Timestables.html>) at least once a day for around 10-15 minutes.

For each of the following topics, watch the video before answering the 'practice questions' or 'textbook exercise' which are linked next to the video. Answers are available – follow the links from the video page.

### ***Averages***

Videos 50, 53, 56 and 57 on [www.corbettmaths.com](http://www.corbettmaths.com).

### ***Negative Numbers***

Videos 205 - 209 on [www.corbettmaths.com](http://www.corbettmaths.com).

### ***Substitution***

Videos 20 on [www.corbettmaths.com](http://www.corbettmaths.com).