



Revision List

Year 7 Mathematics Examination

Paper 1: 45 minutes (*without* a calculator)

Paper 2: 45 minutes (*with* a calculator).

Equipment: You will need a *biro, pencil, calculator, protractor, compass and ruler.*



1. Welcome to Ysgol y Creuddyn

Multiples of 2, 3, 4, 5, 6, 7, 8, 9, 10
 Regular and Irregular Polygons
 Special Lines
 Odd Numbers and Even Numbers
 Square Numbers
 Cube Numbers
 Units of Time

Reading the time on an analogue clock
 The 12-hour Clock and the 24-hour Clock
 The Calendar
 Leap Years
 Symmetry Lines
 Order of Rotational Symmetry
 Translations using a Column Vector

2. Introducing Angles

Turns
 Types of Angles
 Naming Angles
 Measuring Angles
 Drawing Angles
 Drawing the Angles 60° , 30° , 90° , 45° using a Compass
 Angles Around a Point

Angles on a Straight Line
 Vertically Opposite Angles
 Angles in a Triangle
 Types of Triangles
 External Angle of a Triangle
 Drawing Triangles

3. Data Handling and Statistics

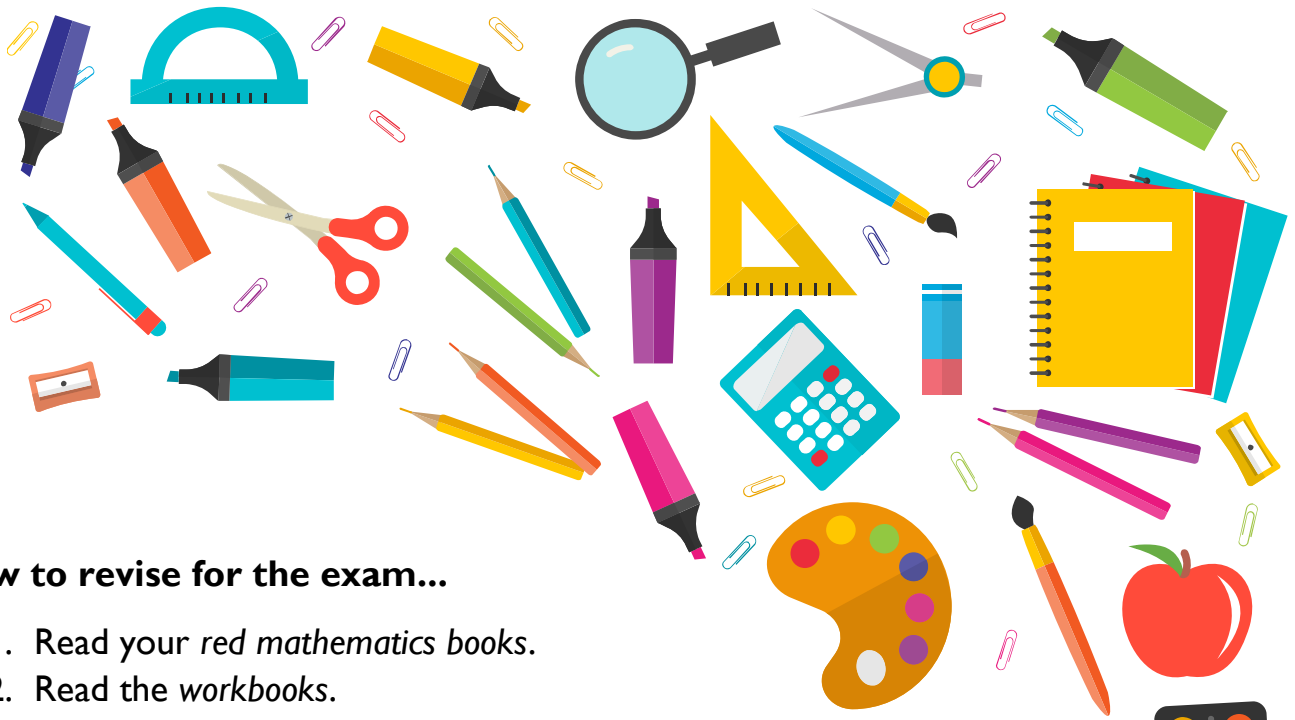
Calculating the Mean
 Calculating the Mean from a Table
 Calculating the Range
 Types of Data
 Drawing a Bar Chart

Grouping Data
 Drawing a Frequency Diagram
 Mean of Grouped Data
 Drawing a Pie Chart
 Interpreting Charts

4. Introducing Percentages

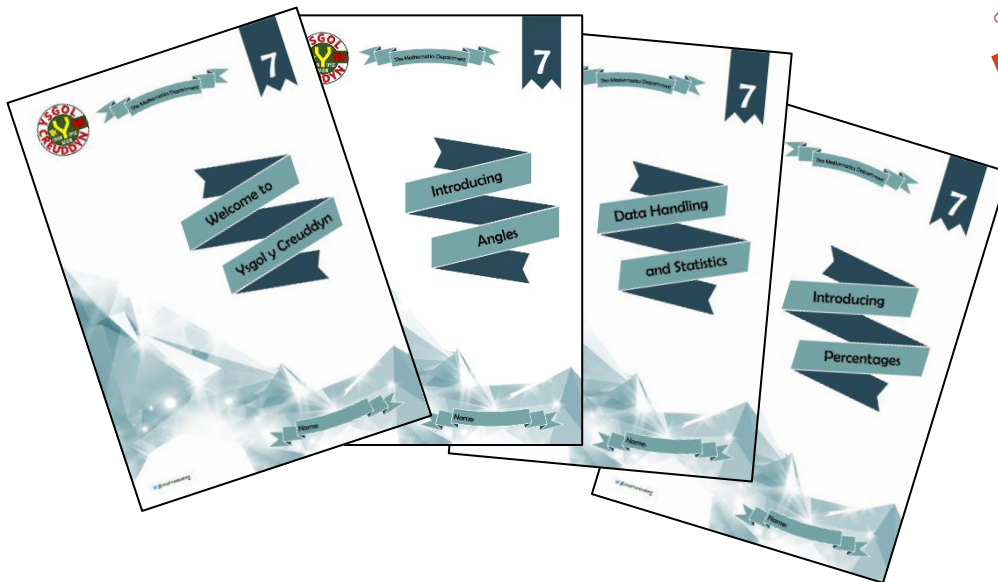
Place Value
 Writing Numbers in Words
 Writing Numbers in Figures
 Multiplying and Dividing by 10, 100 or 1,000
 Multiplying a Decimal by a Whole Number Less than 10
 Adding and Subtracting Decimals
 Shading a Percentage of a Shape

Calculating Simple Percentages
 Percentages Without a Calculator
 Percentages With a Calculator
 Profit and Loss
 Simple Interest
 Special Offers
 Percentage in a Test



How to revise for the exam...

1. Read your *red mathematics books*.
2. Read the *workbooks*.



3. Read the *end of unit tests*, and the *reflection sheets*.
4. Watch the (Welsh) *revision videos* on YouTube.

Welcome to Ysgol y Creuddyn



Introducing Angles



Data Handling and Statistics



Introducing Percentages

