

### Key Stage 3 Assignment Information



Student Name:

Subject	Year Group	Module	Week	Level
Mathematics	8	1	1-6	6

Group: 8M1, 8G1

Date Set: September

Assignment Title: Level 6 Booklet, Pages 2, 13, 19, 20, 30

Objectives: To consolidate work from level 6  
To research and revise concepts which have been forgotten  
To identify topics which will require further work in class

Tasks: Complete the questions from the workbook.

What you have to do to succeed:

Change between fractions, decimals and percentages

Add, subtract, multiply and divide fractions or negative numbers

Use Trial and Improvement

Solve ratio, proportion and percentage problems with or without a calculator

Solve ratio and proportion problems

Find the nth term of a sequence

Solve equations with "x" on both sides

Find and use the equations of straight line graphs

Solve problems using properties of angles on parallel lines or in polygons

Use formulae for the circumference and area of a circle

Enlarge shapes using a scale factor

Use formulae for volume of cuboids

Calculate angles to draw pie charts

Construct scatter diagrams and understand correlation

Deadline: October Half Term

Resources and Websites: Homework Booklet