



Mathematics Curriculum Plan Overview

Sixth Form - Level 1- Extended Award

The plan below is for students aiming for a Level 1 extended award in Mathematics.
With further units students could progress to a Level 1 Certificate in Mathematics

Term	Topic	Learning	How can parents' best support
Autumn 1	Understanding Number	This unit will give learners an opportunity to understand numbers up to seven digits and identify negative numbers.	Ask students to name large numbers when seen in context or the news
	Addition and Subtraction	This unit will give learners an opportunity to add and subtract whole numbers and check that answers are reasonable.	Find opportunities to add whole numbers in context with or without a calculator
Assessment:			
Autumn 2	Time and Temperature	This unit will give learners an opportunity to understand times, dates and temperatures	Watch the weather forecast and discuss how cold? How hot? questions
	2D Shapes	This unit will give learners an opportunity to understand the properties of shapes and measure angles.	Spot 3D shapes around the house and ask students to name them and tell you something about the shapes
Assessment:			
Spring 1	Handling Data	This unit will give learners an opportunity to extract, interpret and represent information from data.	Look over data in the news and discuss the numbers discuss the use of averages in news articles.
Assessment:			
Spring 2	Data Calculation	This unit will give learners an opportunity to calculate arithmetic averages and the range of a set of data.	Discuss data involved in special interests - what is data used for in some real situations
	Understanding Perimeter and Areas	This unit will give learners an opportunity to find the perimeters and areas of shapes.	
Assessment:			
Summer 1	Understanding Fractions	This unit will give learners an opportunity to understand fractions and use simple ratios	Discuss fractions and ratios in cooking/baking
Assessment:			
Summer 2	Multiplication and division	This unit will give learners an opportunity to multiply and divide whole numbers and check that answers are reasonable.	Continue to practice times tables up to 12x12