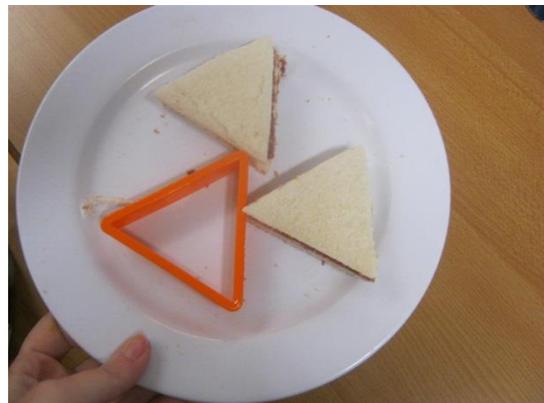


## Functional Skills

Functional skills is a course designed to provide the students with the essential knowledge, skills and understanding that will enable them to operate confidently, effectively and independently in everyday life and the workplace. For the students to be considered as 'functional' they are required to use and apply the Mathematics that they have previously learnt to problem solving tasks that are related to real life situations. The course will run for 2 years and student will have the opportunity to achieve Entry level one to three at the end of the course.



## Functional Skills Level 1 and Level 2

Functional Skills Level 1 is a course designed to help students use Mathematics effectively in everyday life. At Level 1 and 2 learners are expected to be able to understand Mathematical information in familiar and accessible contexts and situations, use methods to obtain the answers to practical problems and be able to generate and communicate solutions to practical problems. The qualification is externally set by OCR and externally assessed. Units are graded Pass or Fail. Areas covered at Level 1 and 2 include understanding and using whole numbers, fractions, decimals and percentages, ratio, formulae, solving problems requiring calculation with common measures, areas, perimeters, extracting and interpreting information from tables and graphs, mean and range and probability.



## GCSE Maths

OCR Mathematics Specification GCSE 1-9; on this course students will have to learn concepts from across the whole mathematic spectrum. We have developed an inspiring, motivating and coherent maths syllabus for the entire ability range, which emphasises and encourages: Sound understanding of concepts, Fluency in procedural skill, Competency to apply mathematical skills in a range of contexts and Confidence in mathematical problem solving. The course contains exercises that indicate the level of difficulty for each topic and can, therefore, monitor the student's progress. Students will also be able to take throughout the course a number of concept checker quizzes, which will also enable them to track their own progress. Due to the introduction by the government of the new GCSE students will no longer be awarded grades but will be awarded numbers, 9 being the top grade. Please see the newsletter or please feel free to contact be to find out more about the changes to the GCSE. Students prepared last year by being on the Cambridge progression course and will now spend two year learning the GCSE syllabus. At the end of the course students will have to take 3 one and half hour exam papers, which will cover any aspect of the course.



## Core Maths

The new 'Core Maths' qualifications are designed to better prepare students for the mathematical demands of study, employment and life. Core Maths builds on GCSE maths with a sharper focus on problem-solving skills by considering and tackling mathematics in meaningful contexts. This includes financial applications of mathematics as well as further statistical ideas that can support work in other subjects they will be studying such as psychology, health sciences, geography, sociology and even history