Oakfield High School
Key Stage 4
Entry Level Mathematics
Curriculum Map

Transition to a College to continue to develop Mathematical skills, knowledge and understanding

Statistics – Data Handling
Learners will develop understanding and interpretation of simple statistical diagrams. They will learn how to conduct surveys and then analyse and communicate their results.

Revision for resits
Time for revision and improvement of skills and knowledge
Learners are allowed to re-sit tests if they think they can better their scores
Revisit topics that need extra input

Measures
Learners will learner through practical activities about methods to measure length, mass and capacity using non-standard and standard units. They will begin to measure length, mass and capacity accurately.

Geometry
Learners will learn about 2D and 3D shapes and their properties and they will develop an understanding of the size of angles, including right angles.

YEAR 11

Properties of Number
Learners will learn to Read, Write and Compare numbers to a given value. They will Investigate and use Place Value; practise Mental Calculations and understand odd and even numbers.

The Four Operations
Learners will develop the understanding and use of the four operations and undertake calculations using mental arithmetic involving addition, subtraction, division and multiplication.

The Calendar and Time
Learners will develop knowledge of the 12 and 24 hour clocks and of Calendars and timetables in everyday use. They will also learn about the days of the week and the months of the year. They will order familiar events and read the time on an analogue or digital clock.

YEAR 10

ENTRY LEVEL

Ratio
Learners will calculate fractions of shapes and whole numbers and understand the equivalence of fractions. They will also learn how to add and subtract fractions with the same denominator.

Money
Learners will learn through practical activities about the value of coins and notes. They will exchange money and work out change. They will convert units of money from pound to pence.