

SUBJECT OVERVIEW BY YEAR GROUP

CURRICULUM AREA: Key Skills

SUBJECT: Mathematics

The table below gives the themes within the subject taught and studied in different year groups. For further information about this subject area, see the relevant policy.

All pupils move on to the next level of concept and skill when they have achieved the current level of learning. Concepts are not taught in year groups.

Year Group/s	Themes
<p>EYFS and Year 1 Pupils are taught as one class using a holistic and sensory approach to better meet their needs.</p>	<ul style="list-style-type: none"> • Pupils follow the outcomes in the Early Years Foundation Stage Curriculum to the end of Year 1 • Planning done in blocks e.g. number, shape, space, measure and using and applying. • Maths is covered through cross curricular activities and number is embedded in everyday routine activities including free play and imaginative play (Using and Applying).
<p>Phase 1 Year 2 and 3 Topics are taught on a two/ three week cycle with a focus on mathematical vocabulary</p>	<p>Develop skills involving confidence and competence in:</p> <ul style="list-style-type: none"> • Number including fractions and money • Shape (2D/ 3D): matching and sorting, describing, making models, identifying and continuing/making patterns • Space: prepositions, direction • Measure: time, length, weight, capacity • Using and Applying in each of the above areas.
<p>Phase 2 Year 4, 5, 6 Topics are taught on a two/ three week cycle (depending on the topic) with a focus on mathematical vocabulary.</p> <p>Maths is taught in ability sets.</p>	
<p>Phase 2 Sharks High needs group Pupils are taught as one class using a holistic and sensory approach to better meet their needs.</p>	<ul style="list-style-type: none"> • Planning done in blocks e.g. number, shape, space, measure and using and applying. • Maths is covered through cross curricular activities and number is embedded in everyday routine activities including free play and imaginative play (Using and Applying). • Individual interventions are in place to improve understanding of specific concepts
<p>Phase 3 Year 7/8 Red and Purple Students follow topics from the National Curriculum programmes of study for one or two week blocks</p>	<ul style="list-style-type: none"> • Pupils have opportunities to reason, solve problems and develop understanding of maths through practice and recall of concepts using practical resources and structured imagery. • Number: place value, 4 operations, fractions and

	<p>decimals</p> <ul style="list-style-type: none"> • Shape: properties of 2D and 3D shapes • Measurement: use of different measuring tools and units of measure • Statistics: graphs, pictograms and interpreting data • Using and Applying: Problem solving in different real life contexts
<p>Year 7/ 8 Blue High needs group Pupils are taught as one class using a holistic and sensory approach to better meet their needs.</p>	<ul style="list-style-type: none"> • Opportunities for pupils to apply understanding of maths and skills in different situations: • Handling money: shopping, café • Time: understanding daily routine and ordering events in day and using time based language: days of week • Addition and subtraction: counting everyday objects and number games • Measuring: cooking, role play • Shape: matching 2D and 3D shapes to objects in environment
<p>Phase 4 Years 9/10/11 Red and Purple Pupils follow an accredited course through Edexcel Functional maths between Entry 1 and Level 1</p>	<ul style="list-style-type: none"> • Representing, analysing and interpreting in order to tackle situations involving maths in life and work. • Number and calculations • Measure: time, weight, capacity and temperature • Position • Money • Shape: recognise 2D and 3D shapes • Sorting and classifying • Collect and record data • Extracting information: from charts, lists and simple graphs
<p>Phase 4 Year 9/10/11 Blue High needs group Pupils follow an accredited course through ASDAN Personal Progress at Entry 1</p>	<ul style="list-style-type: none"> • Number • Shape • Position • Handling money • Sequencing and sorting • Measure • Time through regular events