

## Maths

<b>Intent</b>	<ul style="list-style-type: none"> <li>• Maths at SSSC ensures our pupils are given the opportunity to build the mathematical knowledge and skills they will need to ensure success throughout their time at SSSC and provide the foundations upon which they will progress as they move into the wider world.</li> <li>• Pupils are given the opportunity to explore mathematical thinking in a variety of ways leading to secure methods of problem solving. Pupils are not only given the opportunity to recall key facts and strategies but also the opportunity to apply them in different contexts and settings to deepen understanding.</li> <li>• We will secure and capture pupils ability to apply their mathematical knowledge into real-life contexts, supporting them to become functional mathematicians beyond SSSC.</li> </ul>
<b>Implementation</b>	<ul style="list-style-type: none"> <li>• Across the Key Stages, Maths teaching follows a mastery approach, sequentially planned through a yearly overview supported by White Rose, which is based on the National Curriculum</li> <li>• Lessons are personalised to meet the individual needs of cohorts, whilst maintaining the coverage within the units of work</li> <li>• The overview of our curriculum closely follows that of White Rose, with adaptations made to ensure a spiral approach to enhance the retention of skills</li> <li>• In order to advance individual student's maths skills, we utilise Times Tables Rock Stars for multiplication practice, fluency and consolidation</li> <li>• Wider resources are encouraged across the school to enrich our students' maths diet</li> <li>• Students have regular exposure to real-life contexts of questioning, reasoning and problem solving through the mastery style approach within lessons</li> <li>• The resources used underpin the development of a deepened understanding</li> <li>• Throughout the Key Stages and into the qualifications in Key Stage 4, life skills are a key factor within our maths curriculum, which closely links to the assessment statements we use to form our judgements</li> <li>• All KS4 students work towards qualifications including AIM Awards, Entry Level, Functional Skills and GCSEs</li> <li>• Through our teaching we continuously monitor pupils' progress against the curriculum, using this to inform our teaching</li> <li>• Summative assessments are completed and moderated at the end of each term to ensure target setting and assessment is consistent across the school</li> <li>• Regular whole-staff training, CPD opportunities and planning meetings ensures the high-quality teaching of maths across the whole school takes students through the concrete, pictorial, abstract journey of understanding</li> <li>• Students are continuously encouraged to communicate their mathematical understanding in a variety of ways and contexts, as appropriate to the individual learner</li> <li>• The curriculum offer at SSSC is relevant and current, aiming to embed a deep understanding for our students to have the ability to transfer across the curriculum and beyond the school environment</li> </ul>
<b>Impact</b>	<ul style="list-style-type: none"> <li>• Pupils are able to use their mathematical knowledge to maximise their independence in both their homelife and working life</li> <li>• Increased enjoyment of maths</li> <li>• Pupil Progress - monitored through the Maths Rainbow</li> <li>• Progress towards EHCP outcomes</li> <li>• External Accreditation</li> <li>• Post 16 Progression outcomes and employability</li> </ul>