



Long-Term Curriculum Overview:

Key Stage(s):

Curriculum Lead:

Academic Year:

Curriculum Intent

Our curriculum aims to nurture the whole child, supporting emotional wellbeing, resilience, and positive mental health. We focus on creating safe, inclusive environments where pupils with SEMH needs can thrive academically and personally. The curriculum is personalised and underpinned by strong relationships and consistency.

Curriculum Implementation

- Structured Routine: Clear, consistent lessons to support the reduction of anxiety and increase engagement.
- Therapeutic Approaches: Use of Zones of Regulation.
- Adapted Curriculum: Use of accessible activities and adapted scaffolding to meet the needs of all learners.
- Environment: Calming, sensory-aware settings.

Curriculum Impact

- Pupils develop emotional literacy and self-regulation.
- Increased engagement and attendance.
- Reduced behavioural incidents.
- Positive relationships with peers and adults.
- Preparation for transitions and independence.

Term	Topic / Learning Focus	Links towards EHCP Outcomes	Independent Skills Development	Assessment / Reflection of Learning	Resources / Programmes Used
Autumn 1	Numbers & Number System	<p>Cognition and Learning: Developing numerical understanding and place value concepts.</p> <p>Communication and Interaction: Using mathematical vocabulary to express numerical relationships and comparisons.</p>	<p>Students will develop confidence in handling large numbers independently, reading bills, bank statements, and temperature readings.</p> <p>Building skills to check their own work using estimation and reverse calculations.</p>	<p>Practical assessments through real-world scenarios (reading utility bills, comparing prices, temperature monitoring).</p> <p>Peer questioning and self-reflection journals.</p> <p>Written tasks involving number ordering and comparison.</p>	<p>Visual number lines, place value grids, thermometers, real bills and financial documents, multiplication squares, interactive whiteboards, Zones of Regulation activities to manage mathematical anxiety.</p>
Autumn 2	Operations & Problem Solving	<p>Cognition and Learning: Strengthening calculation strategies and mathematical reasoning.</p> <p>Social, Emotional and Mental Health: Building resilience through structured problem-solving</p>	<p>Students will independently apply multiplication and division in shopping scenarios, recipe scaling, and budget planning.</p> <p>Developing systematic approaches to multi-step problems.</p>	<p>Observation of problem-solving strategies, practical shopping exercises, recipe adaptation tasks.</p> <p>Self-assessment checklists for BIDMAS steps.</p>	<p>Times table grids, BIDMAS memory aids, real money and shopping catalogues, recipe cards, calculators for checking, visual formula cards, calming workspace setup with sensory considerations.</p>

		approaches and celebrating mathematical achievements.			
Spring 1	Advanced Number Operations & Formulae	<p>Cognition and Learning: Developing sophisticated mathematical reasoning and formula manipulation skills.</p> <p>Communication and Interaction: Articulating complex mathematical processes and justifying problem-solving approaches.</p>	<p>Students will independently handle complex financial calculations, work with investment scenarios, and use formulae in vocational contexts.</p> <p>Building confidence in checking answers through multiple methods including estimation and approximation.</p>	<p>Portfolio-based assessment with real-world financial scenarios.</p> <p>Presentation of problem-solving methods to peers.</p> <p>Self-evaluation of formula substitution accuracy and reasoning processes.</p>	<p>Scientific calculators, compound interest tables, mortgage calculation sheets, investment scenarios, formula reference cards, step-by-step calculation planners, quiet workspaces to reduce anxiety during complex tasks.</p>
Spring 2	Fractions, Decimals & Advanced	<p>Cognition and Learning: Mastering number relationships and proportional reasoning.</p> <p>Social, Emotional and Mental Health: Developing patience and systematic thinking through structured mathematical processes.</p>	<p>Students will confidently convert between fractions, decimals, and percentages in workplace contexts. Independently solving complex ratio problems in cooking, construction, and business scenarios</p>	<p>Practical assessments through recipe scaling, construction measurements, and business calculations.</p> <p>Peer teaching sessions where students explain equivalent fractions</p>	<p>Fraction wall displays, decimal place value cards, ratio boxes and manipulatives, measuring equipment, business calculation templates, visual conversion charts, timer for self-paced learning, stress balls for sensory</p>

		<p>Sensory/Physical Needs: Using visual and tactile resources to support understanding of abstract concepts.</p>			regulation during challenging tasks.
Summer 1 and 2	GCSE exam preparation	<p>Communication and Interaction: Articulating mathematical methods clearly in exam conditions. Using precise mathematical language and notation. Seeking clarification and support when needed. Explaining solutions to revision partners</p> <p>Cognition and Learning: Synthesizing knowledge across all GCSE topics. Applying problem-solving strategies to unfamiliar contexts. Demonstrating metacognitive awareness of learning. Making connections between mathematical concepts</p> <p>Social, Emotional and Mental Health: Managing exam anxiety</p>	<p>Creating personalized revision schedules and sticking to them</p> <p>Self-identifying strengths and areas for development</p> <p>Using exam techniques independently (timing, question analysis)</p> <p>Implementing stress-management strategies effectively</p> <p>Organizing revision materials and notes systematically</p> <p>Self-monitoring progress and adjusting revision focus</p>	<p>Practical Observations: Using manipulatives and measuring tools</p> <p>Peer Teaching: Explaining angle rules to classmate</p> <p>Problem-Solving Portfolios: Collection of worked examples</p> <p>Self-Assessment Checklists: "I can..." statements for each angle rule</p> <p>Real-World Applications: Finding angles in classroom/school environment</p> <p>Mathematical Discussions: Verbal</p>	<p>Personalized Revision Plans: Individual pathways based on diagnostic results</p> <p>Anxiety Management Tools: Breathing techniques, mindfulness resources</p> <p>Visual Memory Aids: Formula sheets, mind maps, revision posters</p> <p>Technology Support: Online revision platforms, practice paper apps</p> <p>Exam Access Arrangements: Reader pens, extra</p>

		<p>through proven strategies. Building confidence through targeted success. Developing growth mindset around challenges. Celebrating individual progress and achievements</p>	<p>Advocating for specific support needs during exams</p> <p>Building stamina for extended concentration periods</p>	<p>reasoning and explanation</p> <p>Progress Tracking: Individual learning journals with reflection prompts</p> <p>Mock Exam Practice: Low-stakes practice with immediate feedback</p> <p>Progress Tracking: Individual revision logs and reflection sheets</p> <p>Peer Assessment: Collaborative marking and discussion</p> <p>Self-Evaluation: "Traffic light" confidence systems for topics</p> <p>Diagnostic Assessments: Identifying specific gaps for targeted support</p>	<p>time, separate rooms</p> <p>Zones of Regulation: Emotion management strategies for exam stress</p> <p>Sensory Support: Fidget tools, noise-cancelling headphones, comfort items</p> <p>Differentiated Materials: Tiered practice papers, scaffolded worked examples</p>
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