

MHS Science 2024-2025 Assessment Calendar

	Year 7	Year 8	Year 9	Year 10	Year 11
Autumn 1	Baseline assessment Block 1: Cells, Particles and Forces.	Block 1: Digestion, Waves, Elements	Block 1: Advanced Reactions, Genetics and Advanced Forces	Bio: Organisation topic test	Bio: Ecology test Physics: Forces test Chem: Rates test
Autumn 2	End of Block 1 assessment Core Knowledge Check 1 (KS2 Science and Block 1)	End of Block 1 assessment Core Knowledge Check 1 (Block 1)	End of Block 1 assessment Core Knowledge Check 1 (Block 1)	Chem: Quantitative test Physics: Energy test	Bio: Homeostasis test Physics: Waves test Chem: Organic test Trial exam Paper 1
Spring 1	Block 2: Reproduction, Separating mixtures and Universe End of Block 2 assessment	Block 2: Respiration, Energy and Periodic table	GCSE Biology Topic 1 Cells End of topic test	Bio: Infection and response test	Chem: Analysis and atmosphere test
Spring 2	Block 3: Variation, Acids and Alkalis and Energy.	End of Block 2 assessment	GCSE Chemistry Topic 1 Atomic Structure and Periodic table End of topic test	Physics: Electricity test Chem: Chemical changes test	Bio: Inheritance test Physics: Magnetism test Chem: Using resources test Trial exam paper 2
Summer 1	End of Block 3 assessment Block 4: Ecosystems, Metals and Non-metals and Electricity	Block 3: Photosynthesis, Magnetism and Earth	GCSE Physics Topic 1 Atomic structure End of topic test	Bio: Bioenergetics test Chem: Electrolysis test	Exam revision
Summer 2	End of Block 4 assessment Core Knowledge Check 2 (Block 3)	End of Block 3 assessment Core Knowledge Check 2 (Block 3)	Core Knowledge Check 2 (Block 3)	Chem: Energy changes test Physics: Atomic structure test Y10 trial exam	

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Notes:

- Topic tests:
 - 20-mark multiple choice knowledge assessment in KS3 and KS4 with scores recorded centrally to inform school and Trust level ranking.
- Synoptic tests:
 - 40-minute written paper (End of block test – KS3) (End of topic test – KS4) - teacher marked with scores recorded centrally to inform school and Trust level ranking.
- Lionheart Core Knowledge Checks:
 - 60 minutes of multiple-choice questions inside a combined paper with English, Maths and Science. Automatically marked with question level data provided to schools. Each Core Knowledge Check will include previous content in addition to the identified blocks to serve the purpose as a cumulative assessment of key knowledge.
- All tests are primarily formative and should be used to inform responsive planning, to reteach (ideally using different approaches) and review where necessary
- Regular low stakes quizzing focused on key conceptual and procedural knowledge should happen as part of the normal flow of teaching.

The data from these should be used by teachers to inform planning but does not need to be recorded