

KS4 Masters of Knowledge Curriculum

Rationale

The KS4 Masters of Learning curriculum will support pupils to build the habits and characteristics required for success at KS4. Pupils will gain an understanding of memory and the learning process to underpin the strategies taught. The curriculum is organised across the three pillars: Classroom Learning Behaviours, Independent Learning Behaviours and Mindset and Habits. Pupils will learn about the most effective strategies to:

- apply themselves effectively within lesson
- revise and consolidate learning outside of lesson
- to meet the mental and emotional challenges that navigating KS4 can present.

During each week, pupils will complete two sessions during tutor time where they will connect the strategy to the principles of the memory model. Pupils will then reflect on their own experience and implementation of the strategy to date and then set themselves appropriate goals for their future behaviours.

Based upon

Learning Walkthrus Tom Sherrington and Oliver Caviglioli 2025

The impact of non-cognitive skills on outcomes for young people (Literature review) EEF 2021



Autumn Half Term 1							
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Knowledge Introduced	Launch session: <ul style="list-style-type: none"> • What is the Master of knowledge curriculum at KS4 and why is it important? • How does it build on what I already know from KS3? • Key concepts from the simple memory model. 	Classroom Learning Behaviours Ratio <ul style="list-style-type: none"> • Participation and thinking • Classroom routines: STAR, Cold call, No opt out, turn and talk. 	Classroom Learning Behaviours Metacognition <ul style="list-style-type: none"> • Thinking about thinking • Asking questions • Subject process knowledge 	Classroom Learning Behaviours Using Feedback <ul style="list-style-type: none"> • The importance of feedback • Acting upon feedback • Editing and re-drafting 	Independent Learning Behaviours Self-quizzing <ul style="list-style-type: none"> • The forgetting curve • The Testing effect • How to generate questions 	Independent Learning Behaviours Mind maps <ul style="list-style-type: none"> • Categories & comparisons in tables • Sequences and timelines • Hierarchies and branching trees • Open recall – the brain dump 	Independent Learning Behaviours Flashcards <ul style="list-style-type: none"> • Step 1: create the flashcard with a prompt or question on the front and answers on the back. • Step 2: run through the set. • Step 3: Explore wrong or incomplete answers. • Step 4: Re-run the wrong answers. • Step 5: Shuffle and retest at intervals.