



Mastering Metacognition – *Engineering Independent Learners*

Course Overview

Structure & Target Audience:

On Demand Course:

- Full lifetime access to the c.90 minute hour video masterclass, downloadable PDF workbooks, and the Student Revision Toolkit.
- Best for individual teachers, coaches, and tutors looking for immediate, actionable professional development.

Hybrid On Demand Course:

- Everything in 'On Demand' PLUS:
- 30 min 1-on-1 online session with the course author to discuss your specific classroom challenges.
- **Best for** Heads of Department, Lead Coaches, and School Leaders wanting tailored implementation strategies.

Content:

The course will provide participants with:

- Over 90 minutes of bite-sized, actionable video lessons to digest at your own pace.
- The Metacognitive Process Framework: A definitive mental model to help pupils understand and control their core cognitive processes.
- Proprietary Questioning Protocols: Concrete scripts and calibration techniques to force deeper reflection and eradicate superficial answers.
- Cognitive Modelling Strategies: Learn how to construct highly effective “Think Alouds” that make expert, invisible thought processes visible to novice learners.
- Measurement and Diagnostic Tools: Move beyond guesswork with specific rubrics and inventories to accurately measure metacognitive growth in your classroom.

Participants will receive a TM certificate on completion of the course.

Course Learning Intentions

Phase 1: Decoding the Metacognitive Learner

We must establish what metacognition actually looks like in practice. In this foundational phase, we dismantle the misconceptions around what metacognition is, what it looks like and provide a concrete, science-backed framework for how to develop it.

What you will learn:

- The critical difference between cognition (doing the work) and metacognition (managing the worker), and why teaching one without the other limits pupil progress.
- How to use the Metacognitive Process to explicitly teach pupils how to navigate complex, unfamiliar tasks.
- The robust evidence base behind self-regulation and why it is the most cost-effective intervention for disadvantaged and SEND learners.

Phase 2: The Architecture of Questioning

Standard classroom questioning often only checks for factual recall. Here, we explore how to re-engineer your questioning to target the desired underlying cognitive processes, enabling pupils to take ownership of their learning.

What you will learn:

- How to deploy “Calibration” and “Intentionality” questions to instantly expose fragile understanding before an assessment takes place.
- A structured questioning sequence to help pupils securely plan their approach to a task, rather than rushing to completion.
- Evaluative questioning frameworks that ensure pupils capture specific learnings from their mistakes to improve their future performance.

Phase 3: Making Thinking Visible

Novice learners cannot replicate expert thinking if that thinking remains hidden inside the teacher’s head. This phase translates the theory of cognitive apprenticeship into highly practical classroom routines.

What you will learn:

- The precise mechanics of an effective “Think Aloud”, allowing you to verbalise your inner monologue without causing cognitive overload.
- How to script and sequence your modelling to demonstrate the planning, monitoring, and evaluating stages of a complex task.
- Strategies for fading your metacognitive scaffolding over time, ensuring pupils do not become permanently reliant on your prompts.

Phase 4: Tools for Self-Regulation and Reflection

Metacognition requires structured, deliberate practice. The final phase equips you with the tangible classroom tools and assessment metrics required to embed these habits permanently into your school’s culture.

What you will learn:

- Highly effective visual tools and graphic organisers that reduce working memory strain while pupils plan and monitor their work.
- How to utilise specific diagnostic inventories and observation rubrics to accurately measure the metacognitive awareness of your classes.
- Concrete reflection protocols that move pupils away from passive learning and towards relentless self-improvement.

Cost:

On Demand: £79 (+vat)

- Full lifetime access to the c.90 minute hour video masterclass, downloadable PDF workbooks, and the Student Revision Toolkit.
- Best for individual teachers, coaches, and tutors looking for immediate, actionable professional development.

Hybrid on Demand: £149 (+vat)

- Everything in 'On Demand' PLUS:
- 30 min 1-on-1 online session with the course author to discuss your specific classroom challenges.
- **Best for** Heads of Department, Lead Coaches, and School Leaders wanting tailored implementation strategies.

Included free in both editions – A Metacognitive Inventory so you can see how metacognitive you are.

NB: All members of the [Thinking School Network](#) receive a 15% reduction on this course.