



Focus on.....technology to support metacognition



Sweller's Cognitive Load Theory suggests that extraneous loading is detrimental to students' ability to retain and store information in their long-term memories, so how we present information to students is paramount to their success. Visualisers encourage teachers to 'get back to basics' and can help prevent "PowerPoint over-planning" (Tsabet, TES 2018).

How can I use my visualiser effectively?

Real time modelling and thinking aloud: Teacher live writes an answer to the question (for longer answers this could be a model of one or two paragraphs). Emphasise the thought process out loud on selection of language to show how the point links to the question, supporting evidence and explanation / analysis / evaluation

Creative forms of assessment : Teacher live marks an answer to the question (for longer answers this could be a model of one or two paragraphs). Emphasis on how marks are being awarded. Students then replicate the process with their own answers

Dynamic drawing and perspective principles: Students learn better when the instructor draws graphics as they talk, rather than referring to already drawn graphics. It fosters a sense of social partnership and self-reference as they view the teachers hand as theirs.

Further Reading:

[EEF Blog: This much I know about...the importance of... | EEF \(educationendowmentfoundation.org.uk\)](#)

[Using technology tools to support modelling and worked examples : My College \(chartered.college\)](#)

[Using visualisers to give whole-class feedback : My College \(chartered.college\)](#)

[EEF Blog: Five evidence-based strategies to support... | EEF \(educationendowmentfoundation.org.uk\)](#)

" I am now at the point where using a visualiser holds no fear for me; it has become a central tool to support my teaching of the writing process and the students I teach rate my visualiser lessons very highly."

John Tomsett—secondary school headteacher

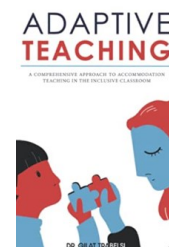
(EEF, 2018)

Optional drop in CPD sessions @ MRS

Session	Suitable for	Date	Lead staff	Location
ClassCharts General questions and queries will be answered.	All	09.03.23	MBS GM KG	MMR
Use of visualisers Come along if you would like to get some hands on experience on using a visualiser in your lessons	All	20.03.23 @15.10	FB/ AVE	015

CPD library recommendation:

Adaptive Teaching: A comprehensive Approach to Accommodation Teaching in the Inclusive Classroom by Dr. Gilat Trabelski (2022)



External CPD focus:

Heads of Department or aspiring Heads of Department—Ofsted curriculum subject leader insight videos

Access a range of subject specific curriculum leader insight videos, delivered by HMI

Available at:

[Ofstednews - YouTube](#)



Upcoming CPD calendar events:

- 27th February 15.15-16.15 Review of 2022-23 T&L CPD in departments
- 6th March 2023 Staff awareness on LGBTQIA+ 15.15—16.15 in the Drama hall
- 13th March 2023 15.15-17.15 (2hr session) Moderation of year 10 and 12 mock exams