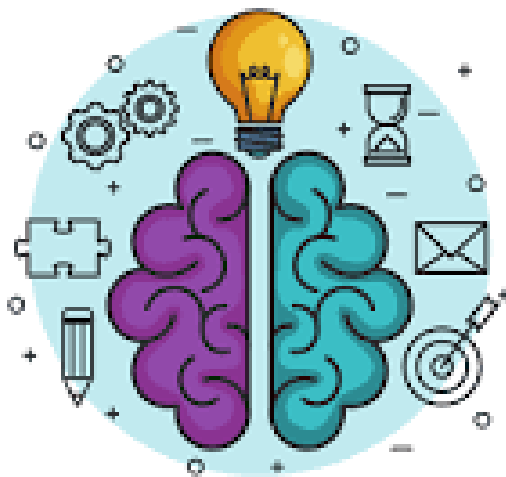


## Focus on revision tools



As we enter examination season pupil talk turns to the effectiveness of different revision tools. In a recent study by Pan et al. (2023) the effectiveness of pupil-generated digital flashcards was compared to premade flashcards in enhancing learning outcomes. In the pupil-generated condition, pupils created their own flashcards based on the study material. In the premade condition participants used flashcards that were already created by others. Pupils were tested on the study material to measure the amount of information retained and for their understanding of the study materials. Key findings include:

1. Pupil-generated flashcards significantly improved **retention** of information compared to the premade-flashcards.
2. Creating flashcards encouraged **deeper processing** of the material, leading to a more thorough understanding.
3. Pupils creating their own flashcards were more likely to tailor their study time to their own **unique** needs.
4. Participants in the premade condition viewed the flashcards 1.6 times more than those in the pupil-generated condition and did 3.7 times more repetitions per card compared with the pupil-generated condition.

These findings suggest that we should be encouraging pupils to use self-made flashcards. The value of viewing, repeating and recalling each card is significant compared with premade resources. There is a wealth of platforms available to support pupils to make their own digital cards including Quizlet, Knowt, Gizmo and Anki.

An article explaining how to use flashcards effectively is also linked below:

<https://www.savemyexams.com/learning-hub/revision-tips/how-to-supercharge-your-gcse-revision-with-flashcards/>