

SAMR is a great framework for thinking about technology and how it can best be used in a teaching environment to bring about transformational learning opportunities that wouldn't have been possible without the technology

What is SAMR?

Dr Ruben Puentedura's model

Enhancement

sformation

Substitution

Tech acts as a direct tool substitute, with no functional change

Replacing an analogue task, e.g. writing with digital, e.g. typing

Augmentation

Tech acts as a direct tool substitute, with functional improvement

Typing but enhancing by using an image to represent themes in writing

Modification

Tech acts as a direct tool substitute, with functional improvement

Typing but putting online and getting peer review in comments

Redefinition

Tech allows for the creation of new tasks, previously inconceivable

Typing but putting online to an expert audience which wouldn't have been previously possible

Examples of transformation level activities

Transformation level activities have some key characteristics. One key thing to take on board is that these are activities that wouldn't have been possible previously but are now because of technology.

If examining literacy activities, this might involve collaborative writing online - this could be extended further taking on board collaboration across continents, and accepting critique for improvement from experts that help develop the work online. Blogging is certainly an excellent vehicle for this to happen but it isn't the only one. Oracy is a key literacy skill and so narration on work which is posted and shared online would fall in to the transformational areas. Using tools such as Camtasia Studio on desktops or Explain Everything on iPad would be great for transforming the task and the outcomes for learners.

Thinking about numeracy and how this could be transformed, similar activities such as above would be useful, particularly those where students have to explain their understanding of different concepts and ideas. Sharing of these in a personal playlist of learning, shared with others would hit transformation levels and bring about significant learning opportunities. Other activities in STEM activities could involve completing different tests and then sharing these results with other classes. The other classes, which could be anywhere in the world, could then complete the same tests & the classes could compare their results.

Have you got any more examples?

Please share them with me on @ICTEvangelist.