Learning with Artificial Intelligence

Start: Planning

Purpose/Learning Task:

What do I want to achieve using this AI tool? Is using it appropriate educationally or culturally?

Reselect the tool or redesign the task.

Learning Process:

Which SAMR stage does this match with? Is it Modification or Redefinition?

Is this a school approved tool?
- YES
- NO

Are you sharing private or licensed material?
- NO
- YES → Have suitable protections been applied?
  - NO
  - YES

Does this AI tool support my subject area?
- YES
- NO

Can all learners access this AI tool?
- YES
- NO

Does this task impact on the assessment?
- NO
- YES

Does the tool provide data sources?
- YES
- NO → Is this significant?
  - YES
  - NO

SAMR Model

Developed by Dr Ruben Puentedura the model supports the deliberate integration of technology into teaching and learning.

Substitution - *A direct substitution of one activity with no changes.*

Augmentation - *Direct substitution with some functional changes.*

Modification - *Using the AI allows significant task redesign.*

Redefinition - *The use of AI allows creation of new tasks which were previously inconcievable..*

If the task is substitution or augmentation, and can be done with an existing tool is it worth the environmental/power cost of using an AI solution.

Application

Set your Traffic Light to **AMBER** or **GREEN**

Test the AI. Check functionality and outcome.

Did it work as expected?
- YES
- NO → Review and adapt.

Implement in the task or lesson.

Review and adapt.

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