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INTEGRATING TECHNOLOGIES TO ADD EDUCATIONAL VALUE

INTRODUCING THE SAMR MODEL

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SERIES SUMMARY AND TALK POSITION

1 Fundamentals in online learning – Series introduction

14 Case study - ibec business graduates Part 2

15 Case study - ibec business graduates Part 1

12 The business of online learning

11 Developments in online learning

10 Communicating effectively with online learners

9 Principles for conducting effective assessments

8 Education resources and licensing for the online learner

7 Principles for module presentation in online learning

6 Principles for creating effective assessments

5 Enhancing existing content and activities for online learners

4 Integrating technologies to add value

3 Pedagogies of online learning

2 Overview of online learning in business education

1 Introduction

Online Learning

Part 5

Part 4

Part 3

Part 2

Part 1

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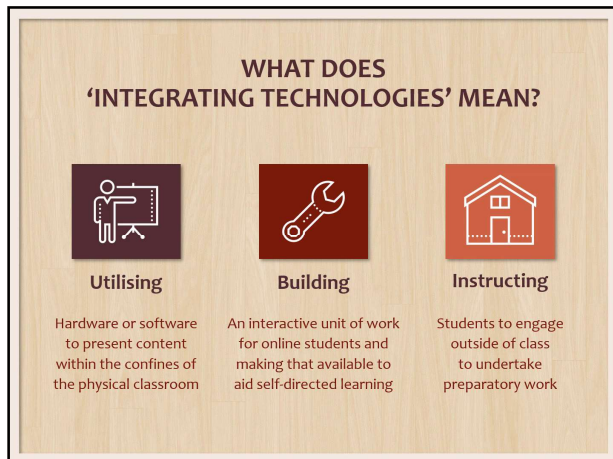
WHAT DOES 'INTEGRATING TECHNOLOGIES' MEAN?

- Presentation of content
- Content creation
- Communication
- Collaboration
- Assessment
- Feedback

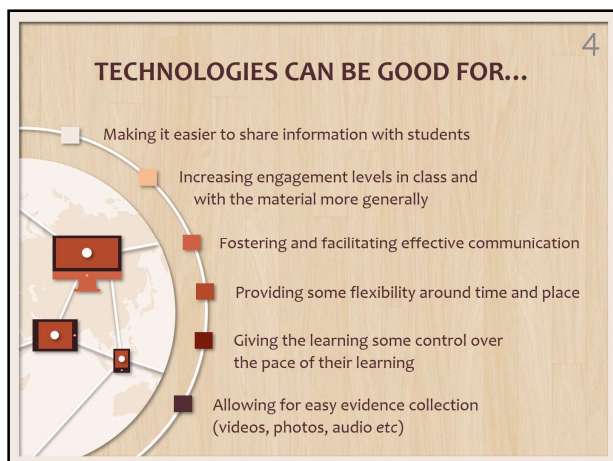
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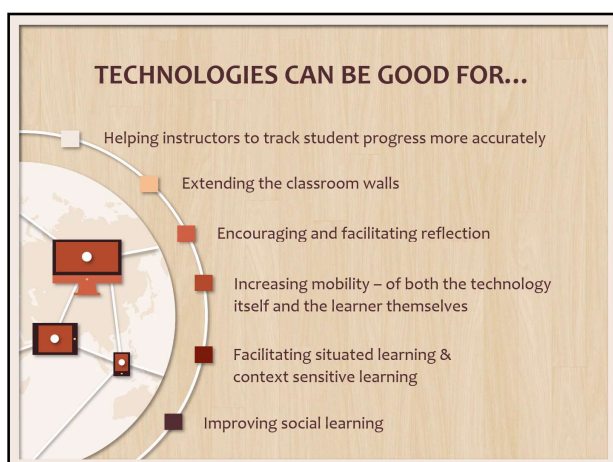
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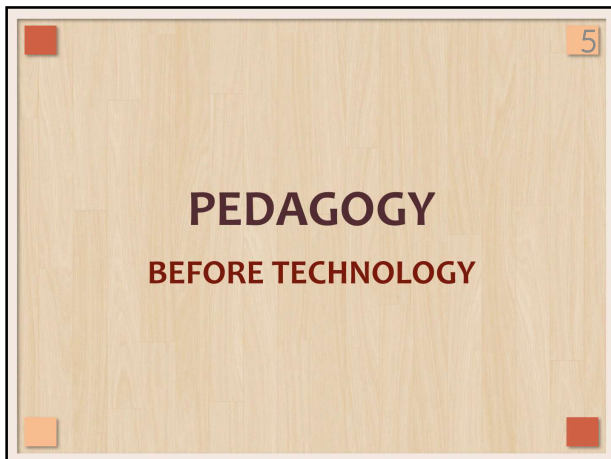
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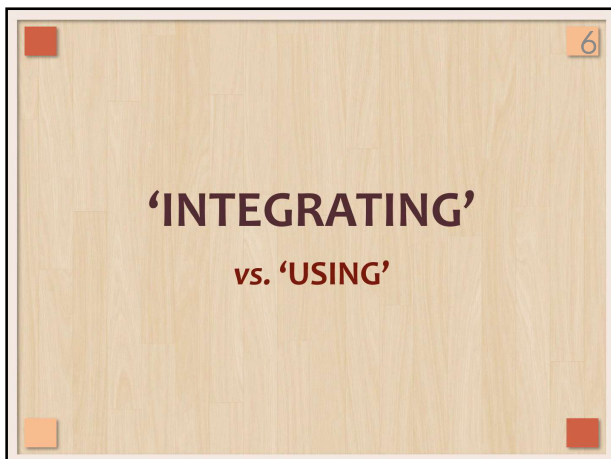
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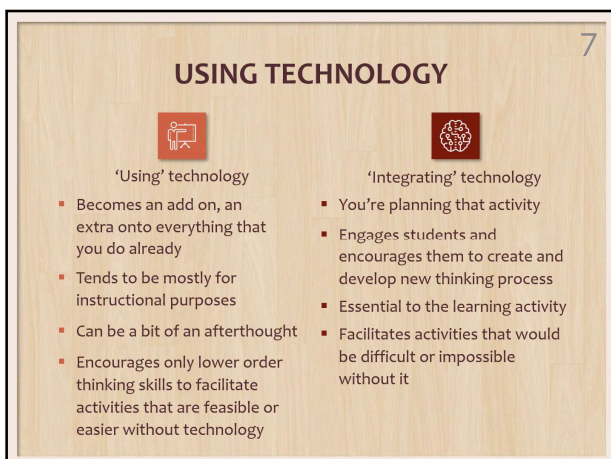
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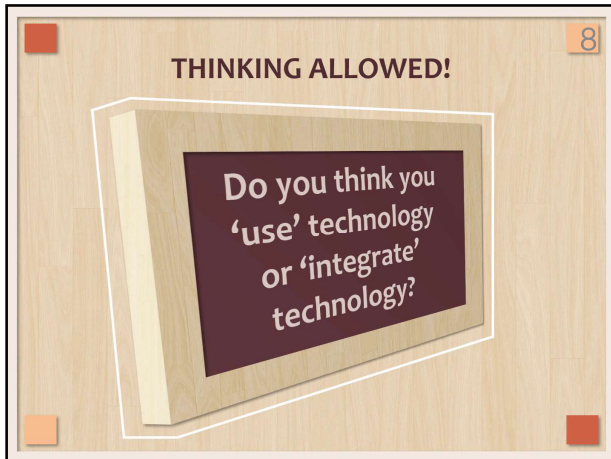
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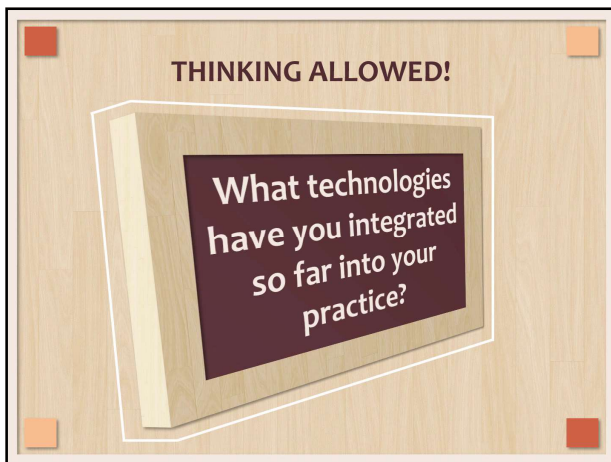
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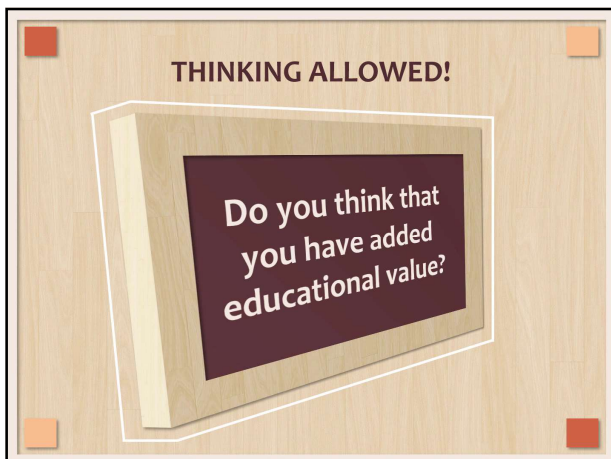
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THINKING ALLOWED!

Did you take any measures to evaluate what you were doing?

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MODELS

"All models are wrong, but some are useful!"

George Box

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THE SAMR MODEL

Direct

Plan

Self assess

Reflect

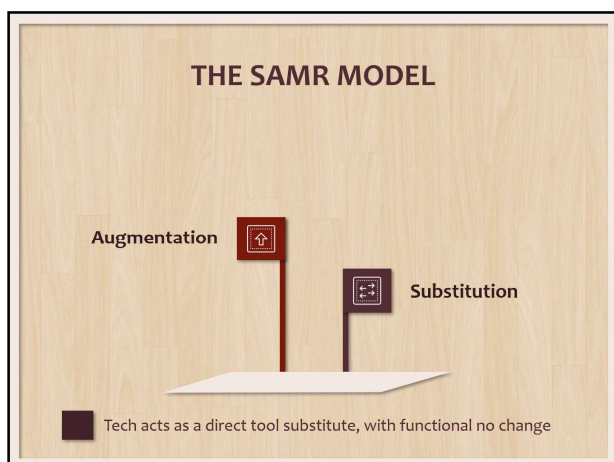
Evaluate

Make changes

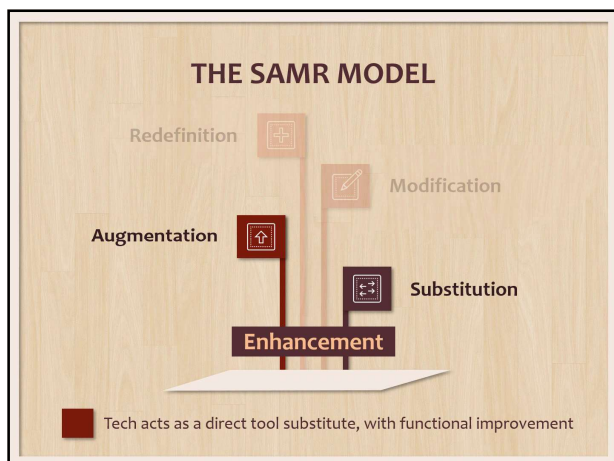
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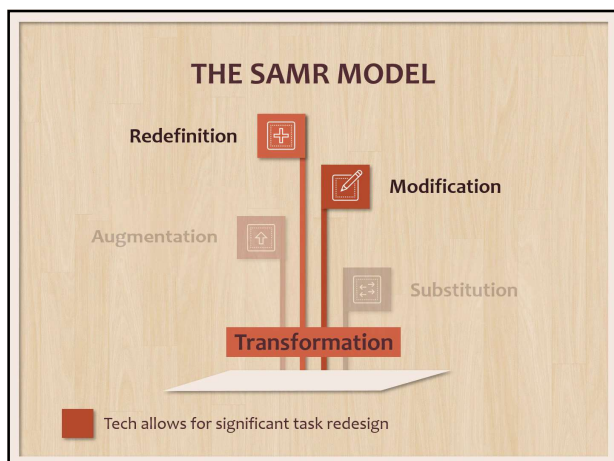
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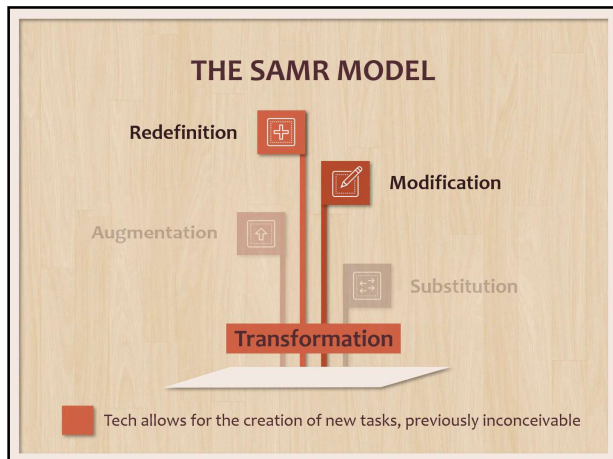
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SUBSTITUTION 11

- An existing activity is replaced by a technology based solution
- Typed document instead of a handwritten
- Notes and slides online rather than printing
- Running a synchronous online lecture instead of 'face to face'
- All that has changed is the location of the lecture

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AUGMENTATION 12

- If your integration of a piece of technology has offered some functional improvement over previous work flows, then you've moved from substitution into augmentation
- Typed documents instead of a handwritten ones is pure substitution
- Provide inline feedback and grading
- Integration of technology has added educational value
- Links to relevant revision content can be provided
- Links to relevant online resources or videos
- Audio feedback can be embedded





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MODIFICATION







- Moving from adding educational value to classroom activities to a space where the activity itself is reliant on the technology
- Modification is the third level of the SAMR model and the first in the transformation stage of the model
- The integration of technologies changes the nature of the task
- The collaborative approach encouraged and facilitated by tools such as wikis and blogs and other shared web-based software
- The ability to embed, share and collaboratively critique other media within and through web-based tools

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REDEFINITION




- Activities carried out and experienced at this level are inconceivable without the integration of learning technologies
- Wikis and web-based collaborative writing spaces such as google docs can be used to significantly redesign a written assignment
- Integrating technologies in this way also opens up opportunities for a completely different audience for that assignment's end product
- No longer does the end product have to be for the class and the class instructor's eyes alone
- Social media tools could be integrated into the activity to connect students with specific subject experts from industry

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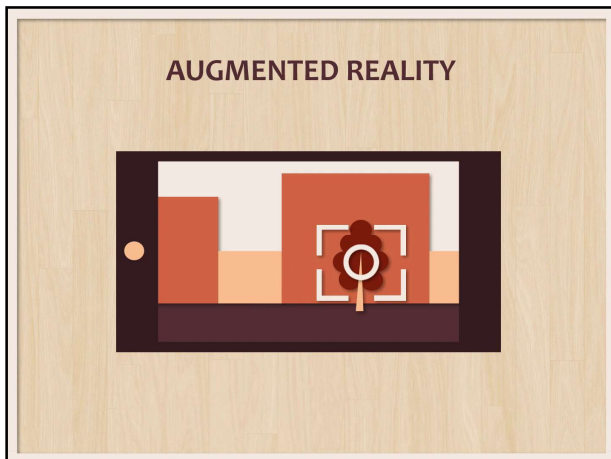
AUGMENTED REALITY



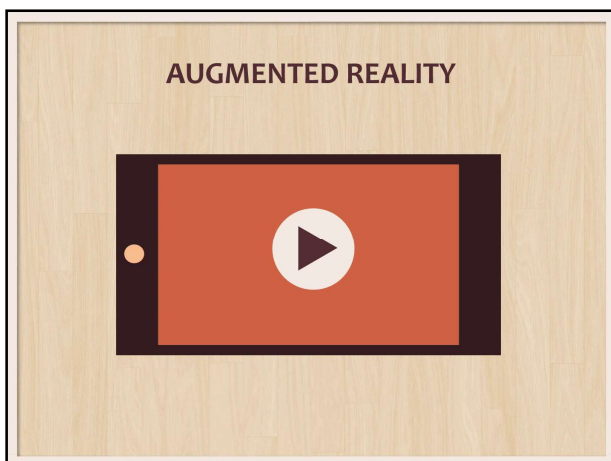
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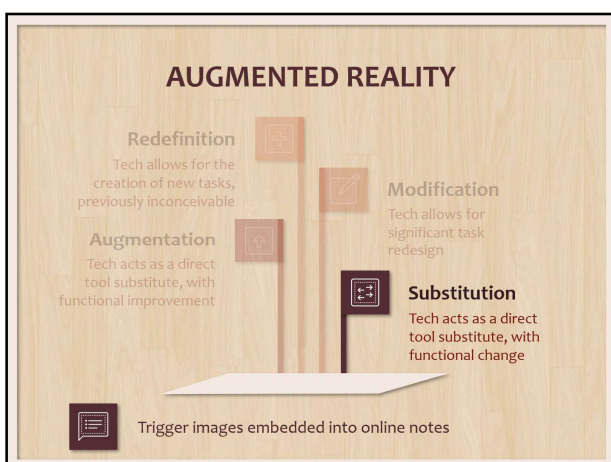
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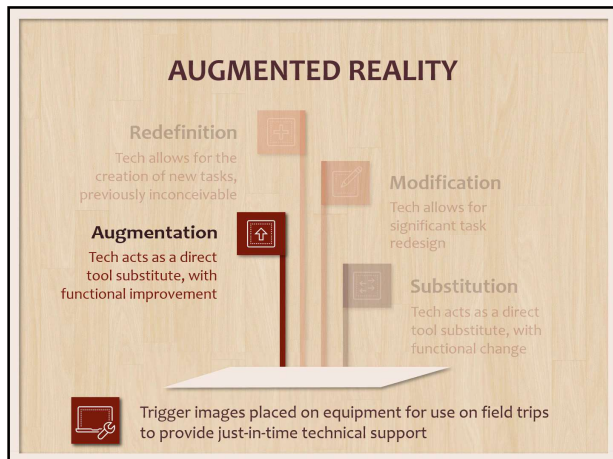
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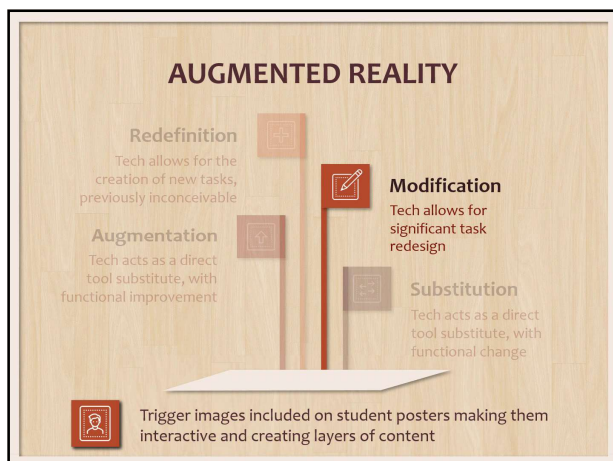
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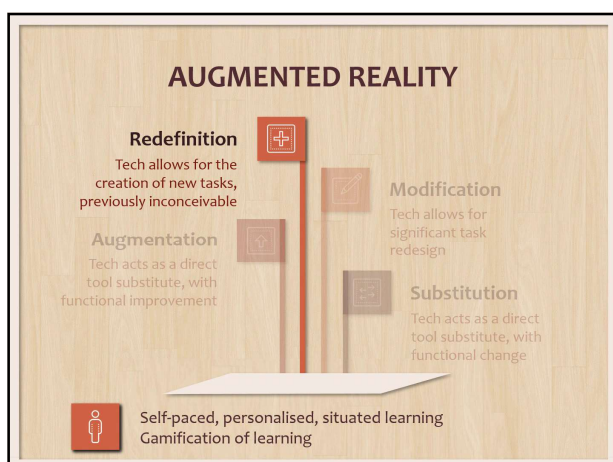
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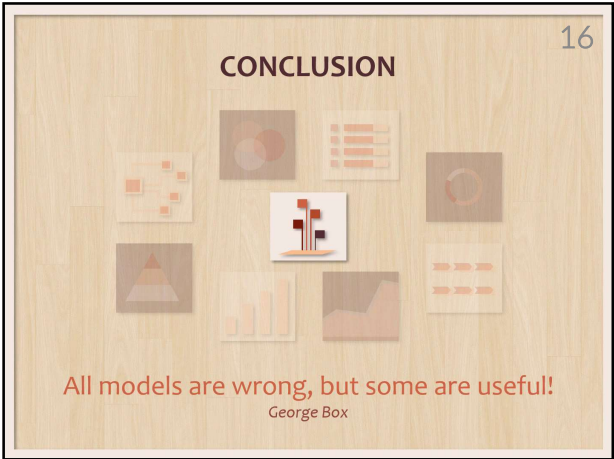
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