

# SAMR Explained

## Substitution

Involves doing the task in the traditional way, with technology. There is no change to the task.

### Questions to ask:

- What will be gained by replacing the traditional process or older technology with the new technology?
- Does the learning task/outcome warrant the addition of the technology?
- What are the benefits for the students? Teachers? School?

## Augmentation

Involves some functional improvement but it is still a direct tool substitute. The task has not changed, but use of the features of the technology are incorporated

### Questions to ask:

- Does the technology add new features that improve the task?
- How does this feature contribute to my design?
- How do the new features improve the quality of the learning task?
- What are the benefits for the students? Teachers? School?

## Modification

The learning outcome has been enhanced. The process may have developed, the product has changed. Involves giving a different kind of task. Eg. Using multimedia

### Questions to ask:

- Does the task significantly change with the use of technology?
- Does this modification fundamentally depend upon the new technology?
- How does the new process/product improve the quality, breadth and/or depth of the learning task?

## Redefinition

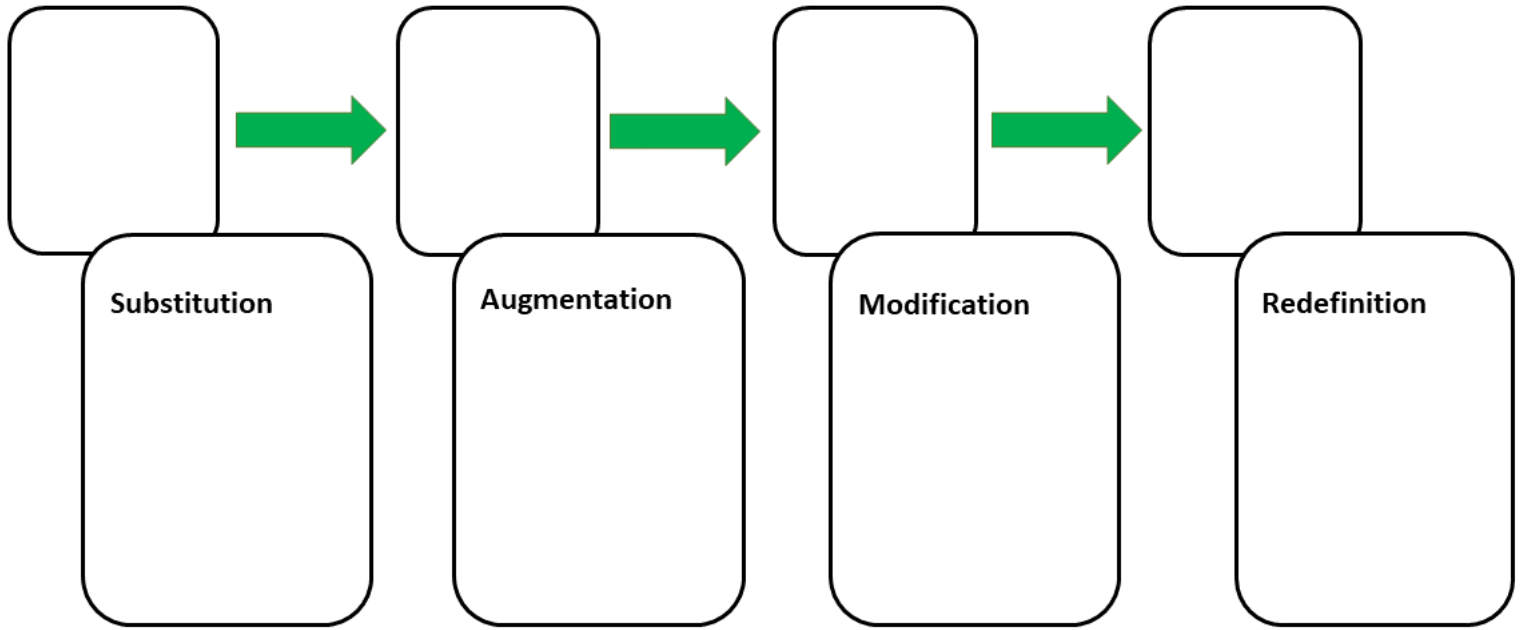
The learning outcome has been reinvented. The task is now inconceivable without technology. The process and the product are different.

### Questions to ask:

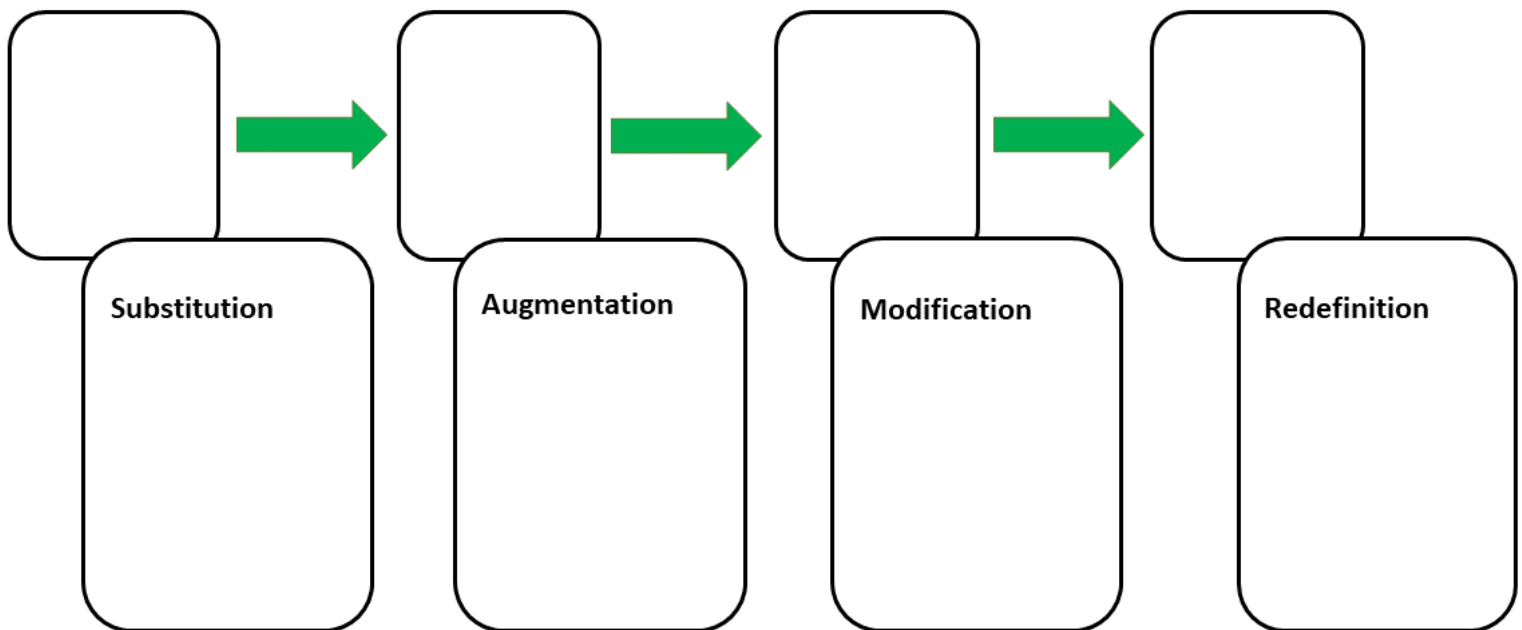
- Does the technology allow for creation of new tasks previously inconceivable?
- Will any portion of the original task be retained? Does it need to be?
- Does the redefined task contribute to contemporary or future-focused learning needs and/or outcomes?

SAMR was developed by Ruben Puentedura as a model for examining how technology is used in classrooms and schools. It provides a technique for moving through degrees of technology adoption to find more meaningful uses of technology in learning and teaching.

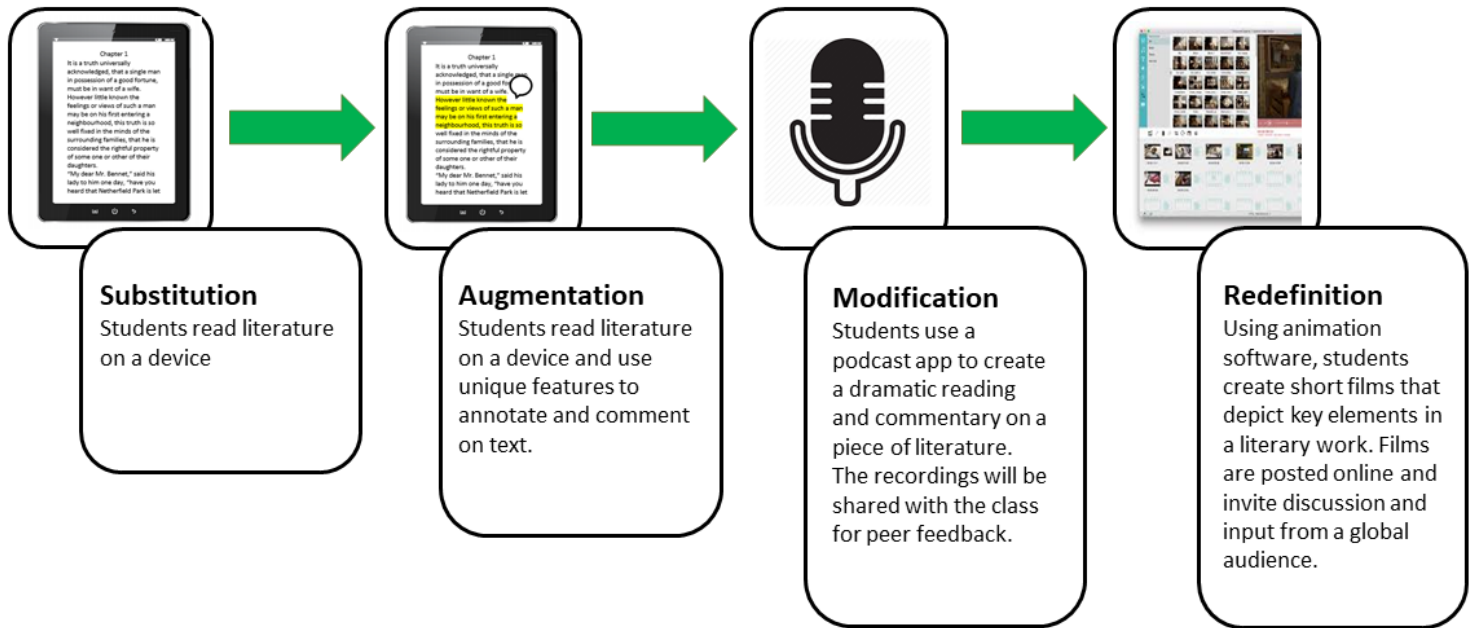
# Template for \_\_\_\_\_ SAMR



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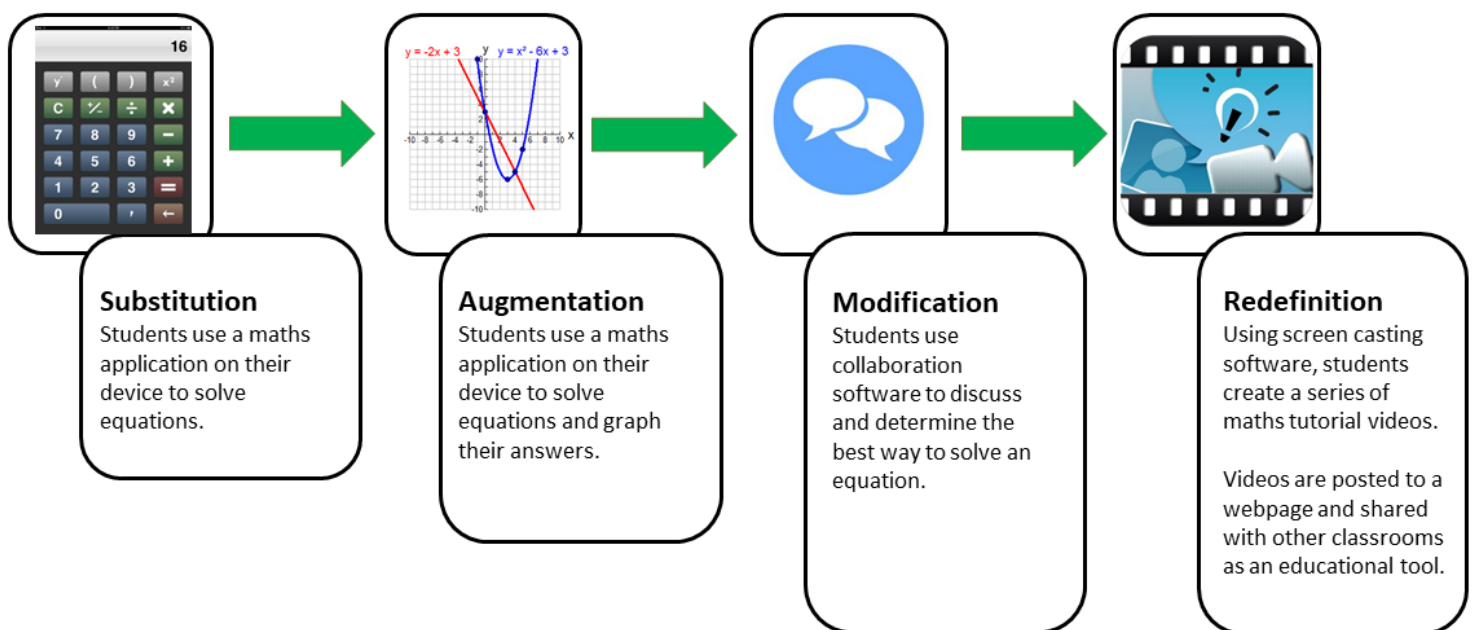


# Example of English SAMR



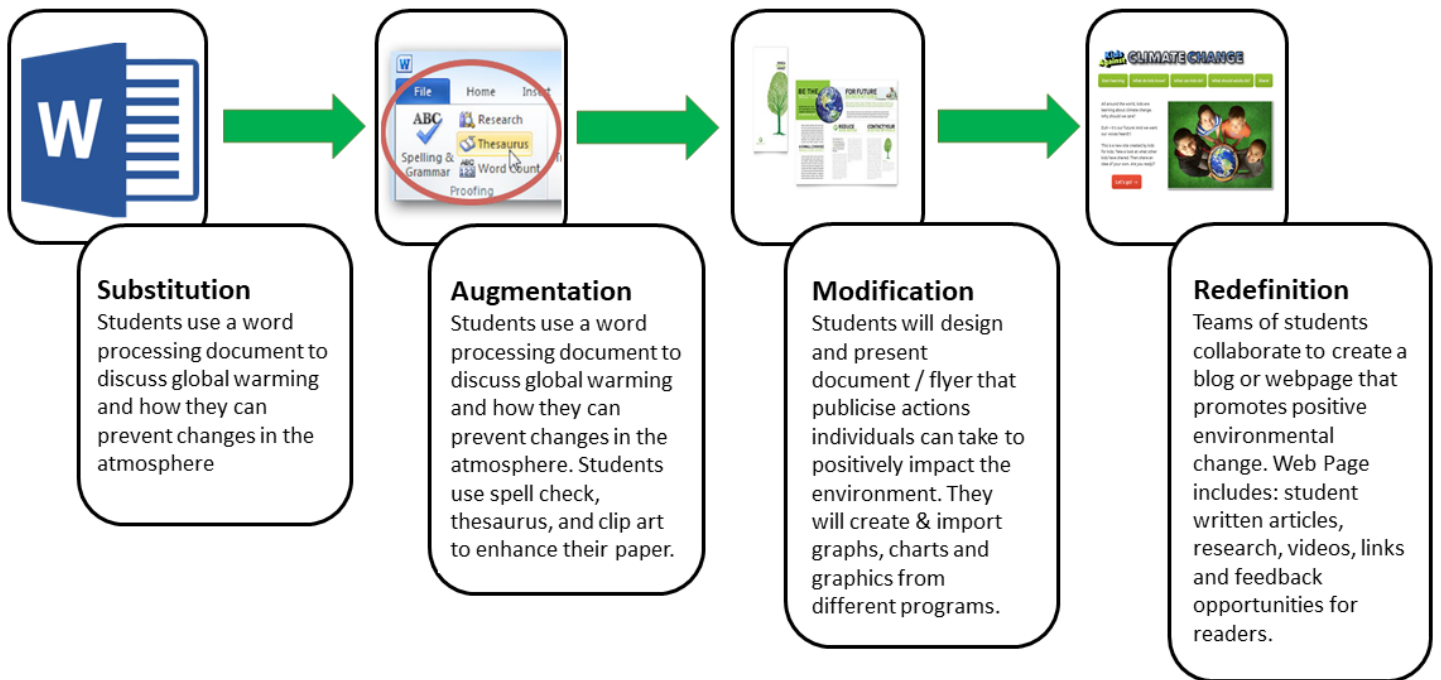
Source: aharris425

# Example of Maths SAMR



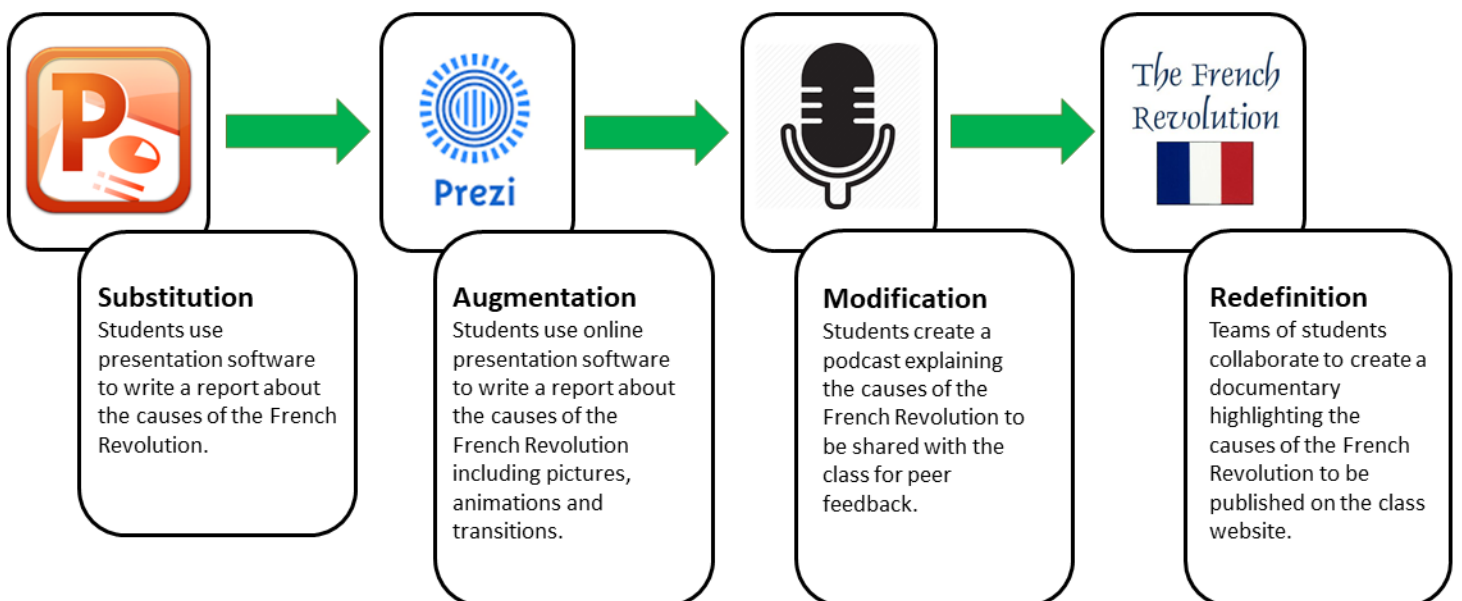
Source: aharris425

# Example of Science SAMR



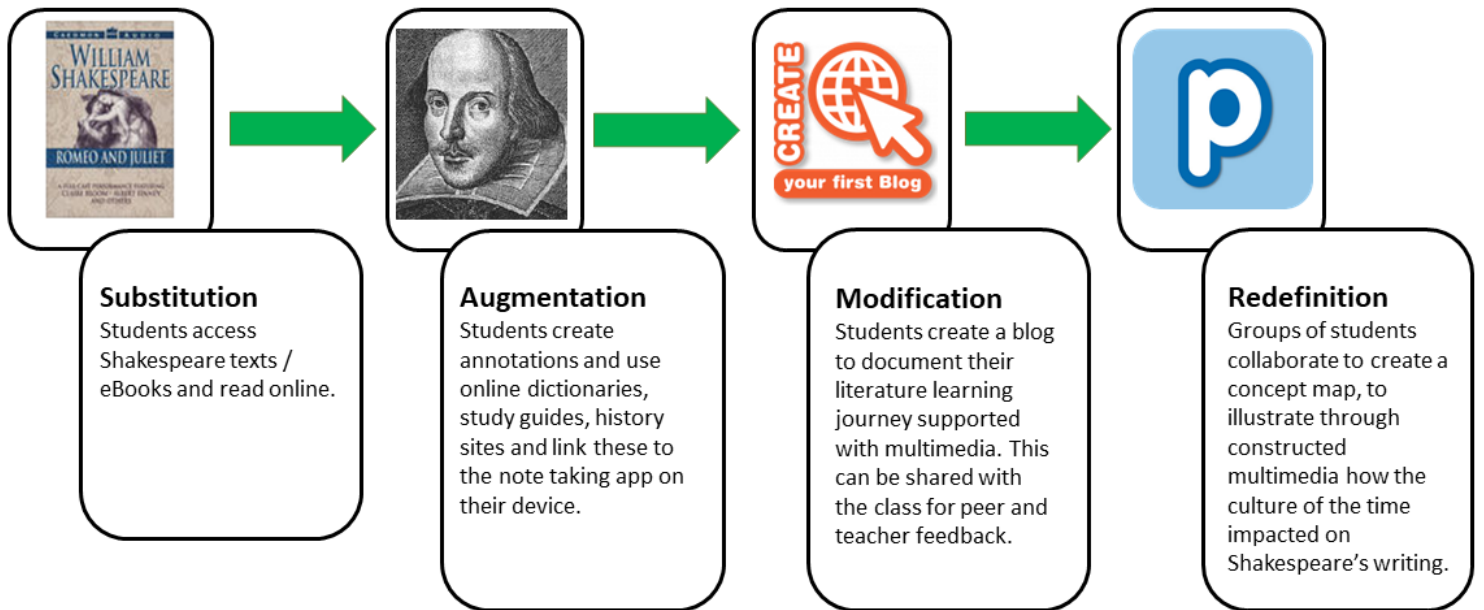
Source: aharris425

# Example of History SAMR



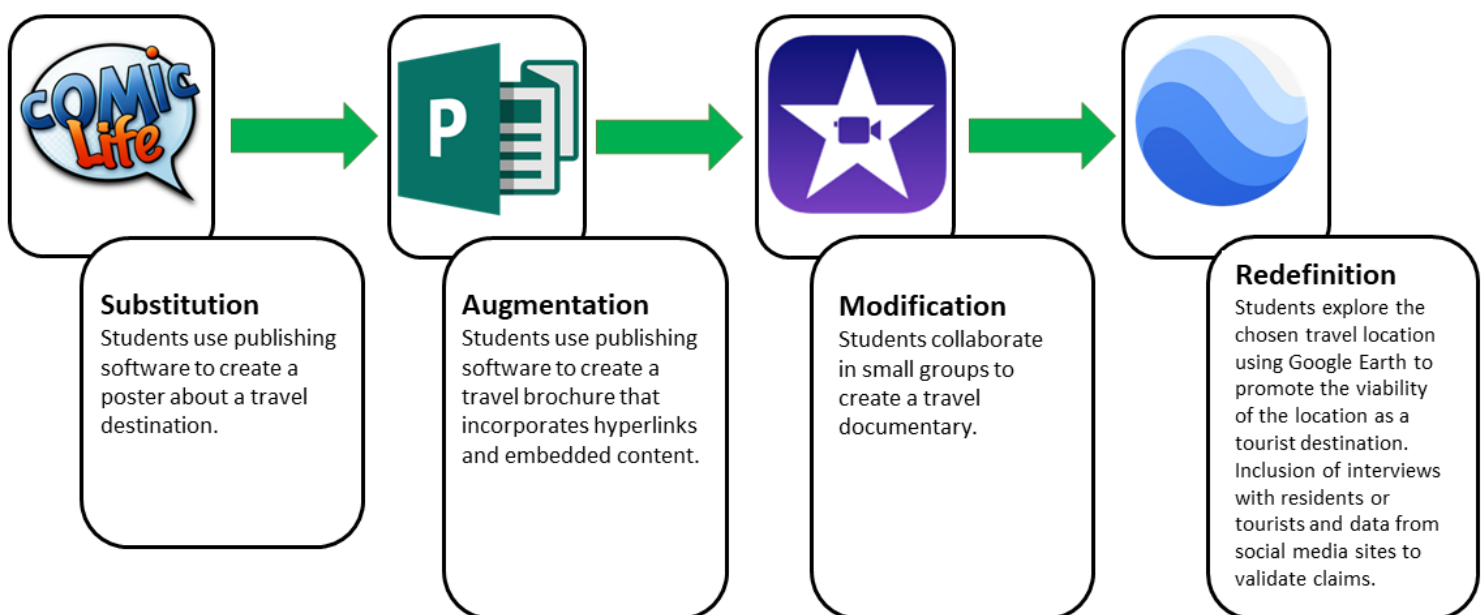
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# Example of English SAMR



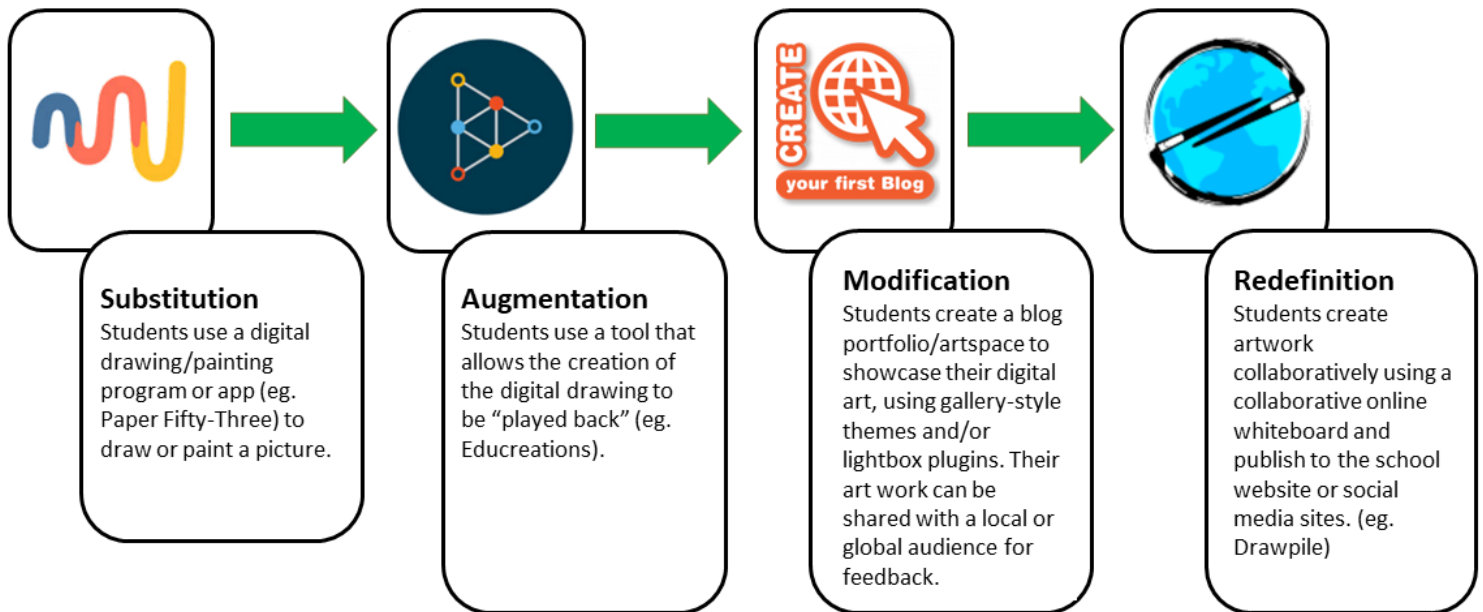
Derived from: EdofICT Wiki @Julia\_boulton

# Example of Geography SAMR



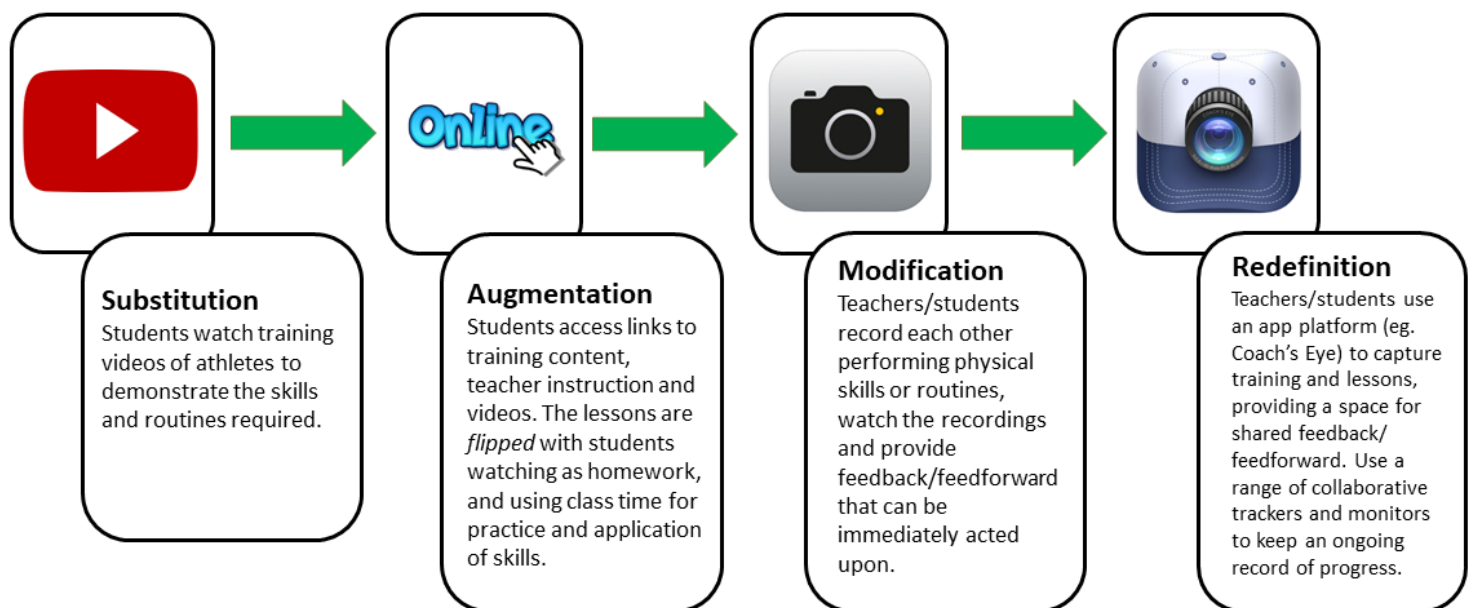
Derived from: EdofICT Wiki @Julia\_boulton

# Example of Visual Arts SAMR



Adapted from: Kelly Walsh, EmergingEdTech

# Example of Phys Ed SAMR



Adapted from: Kelly Walsh, EmergingEdTech