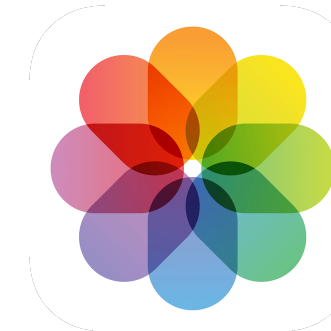


The SAMR model



Curricular Area: Biology N4

E&Os or Curricular Link: Life on Earth Key Area 3 Nitrogen cycle

Traditional approach	Substitution	Augmentation	Modification	Redefinition
Learners complete a handout by writing in the blank boxes to show the stages in the nitrogen cycle.	The worksheet is shared digitally as a Pages or Word document and learners type answers in the boxes.	The worksheet is shared digitally as an image or pdf with learners & they use MarkUp to annotate the diagram using the drawing tools.	Learners are given a choice as to how to present their learning. For example they make their own audio or visual recording to show their understanding of the nitrogen cycle with an authentic audience in mind . E.g Animated Keynote.	Learners collaborate as a team to demonstrate their understanding of the nitrogen cycle. E.g. using GarageBand to create an interview with a molecule of nitrogen and publish this as a podcast which can be shared with a different class.

The Teachers' Charter

Differentiation	✓
Formative assessment for learning	✓
Leadership of Learning	✓
Skills	✓

SAMR Model, for integrating technology

