

Harnessing tools for classroom assessment

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...never had an ICT lesson...!

United
Kingdom



*“The electric light did not
come from the continuous
improvement of candles”*

Oren Harari



Assessment & Workflow

Showbie

iTunes U

Padlet

Explain Everything

Google Classroom

Nearpod

Socrative

Kahoot!

Plickers

Quizlet & Quizlet Live

SAMR Model

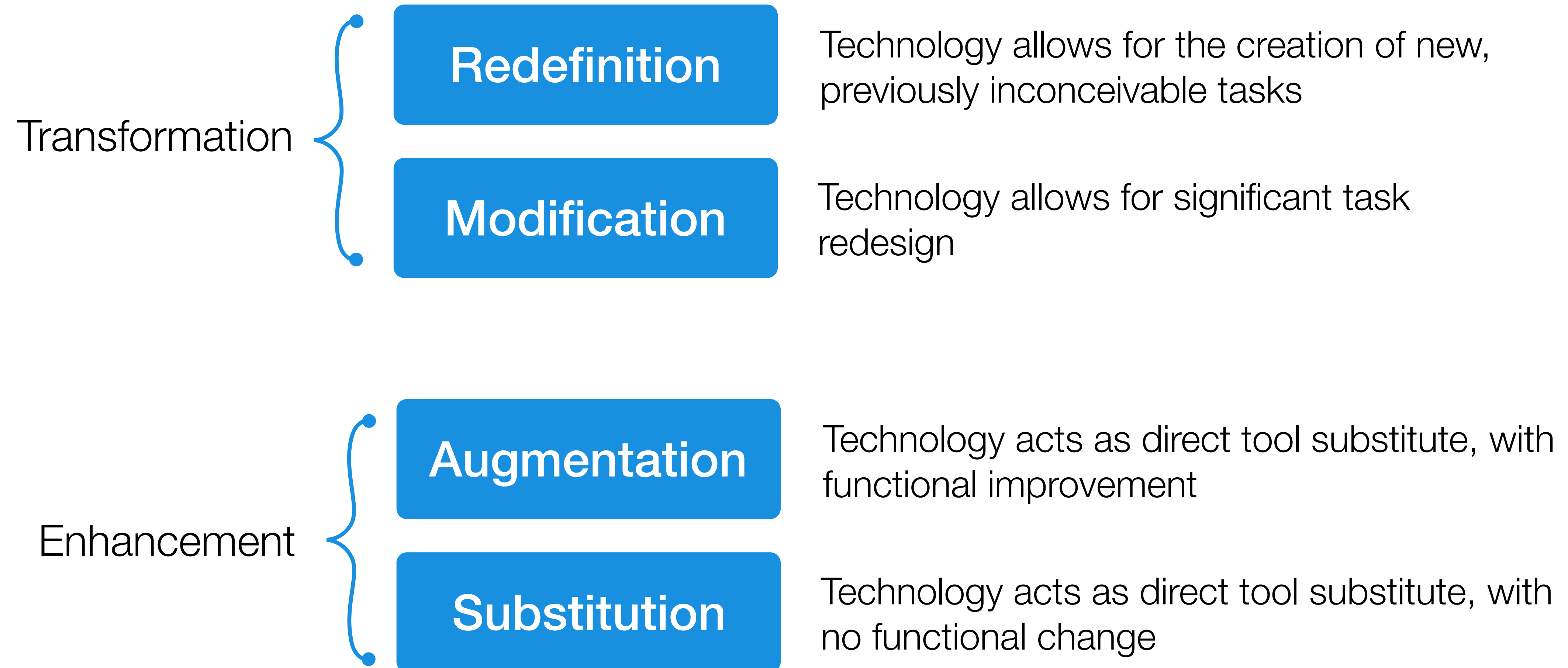
R

M

A

S

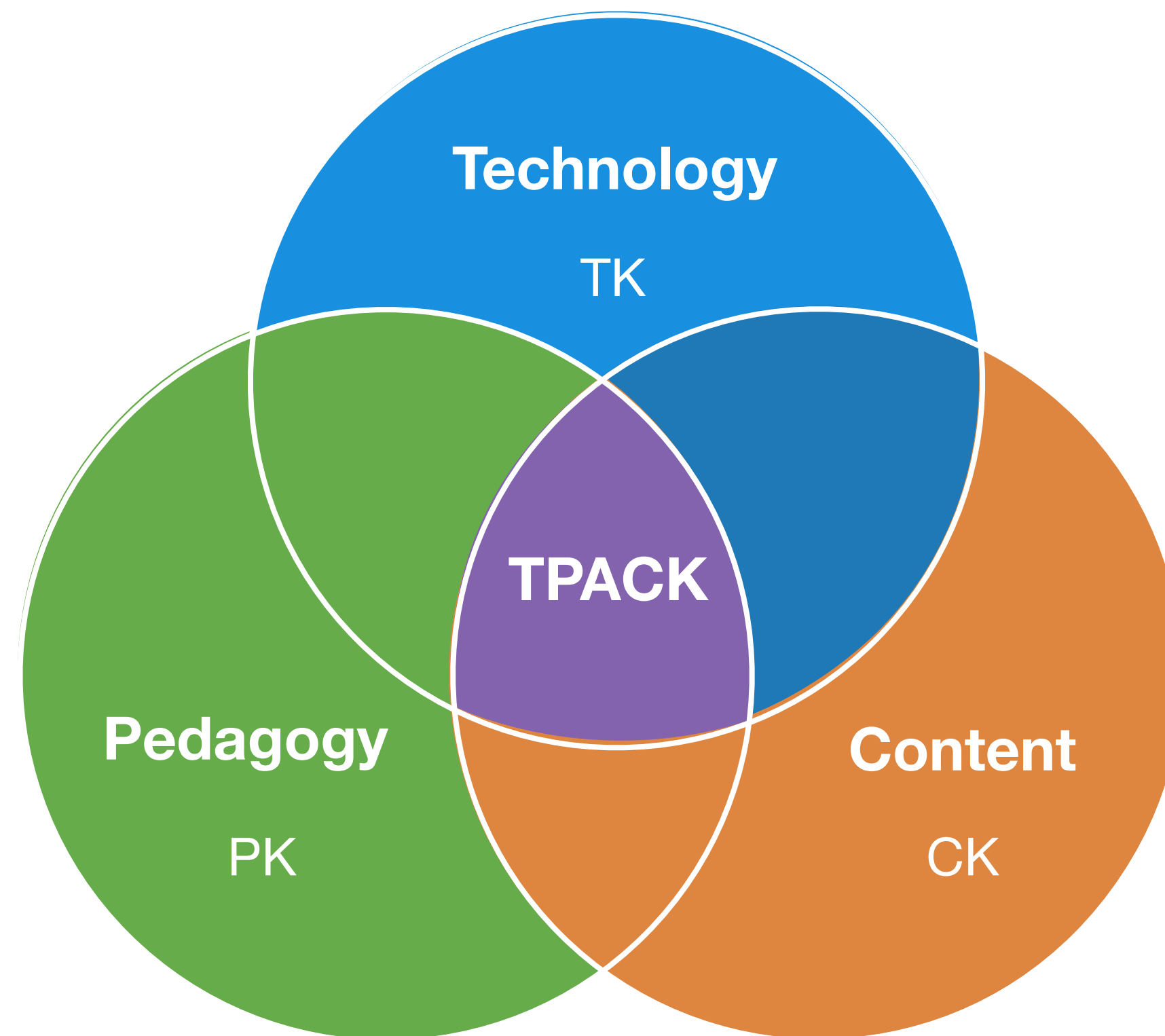
SAMR Model



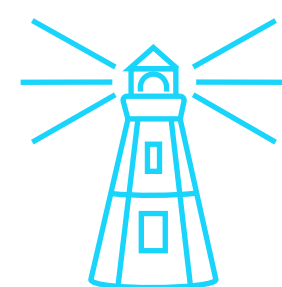
Study	SAMR Level	Description	Effect Size
Ligas (2002)	S	CAI system used to support direct instruction approach for at-risk students.	0.029
Xin & Reith (2001)	A	Multimedia resources provided to contextualize learning of word meanings and concepts.	0.264
Higgins & Raskind (2005)	M	Software/hardware used for text-to-speech, definitions, pronunciation guide for children with reading disabilities.	0.600
Salomon, Globerson & Guterman (1989)	R	Software presents students with reading principles and metacognitive questions as part of the reading process.	1.563

TPACK Model

Koehler and Mishra



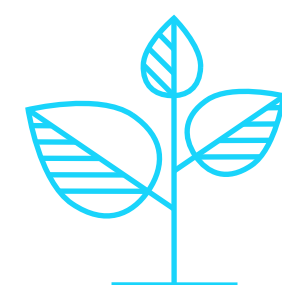
5 best practices



Shared
Leadership

Individual
Leadership

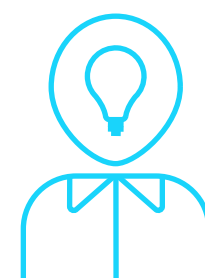
Community
Engagement



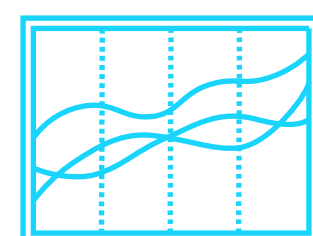
Student
Learning

Instructional
Practices

Curriculum
Design

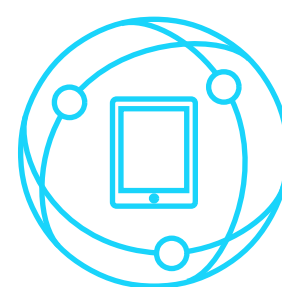


Relevant and
Timely



Quantitative

Qualitative



Design and
Facilities

Information
Technology

Underpinning Pedagogy

Collaboration

Involving all students in staff & peer discussions to support learning, via sharing best practice, feedback and peer mentoring

Resources

Providing all teaching staff and students with engaging and relevant resources that are consistently good quality.

Assessment for learning

Integrating apps through workflow systems to collate data, assess student understanding and support differentiation

Modelling

Using various apps, web tools and display technologies to share work and model student ideas and skills in real-time.

Teachers

Collaboration



Verso



Twitter

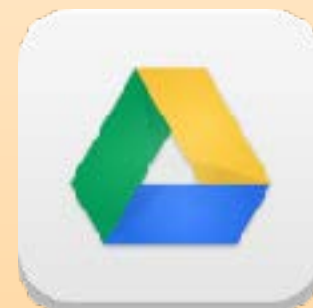


FaceTime

Resources



Explain Everything



Google Drive



iBooks



iTunes U

Assessment for learning



Socrative

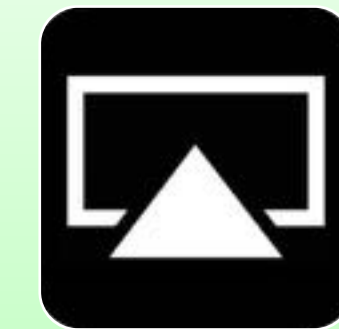


Showbie



Edmodo

Modelling



AirPlay

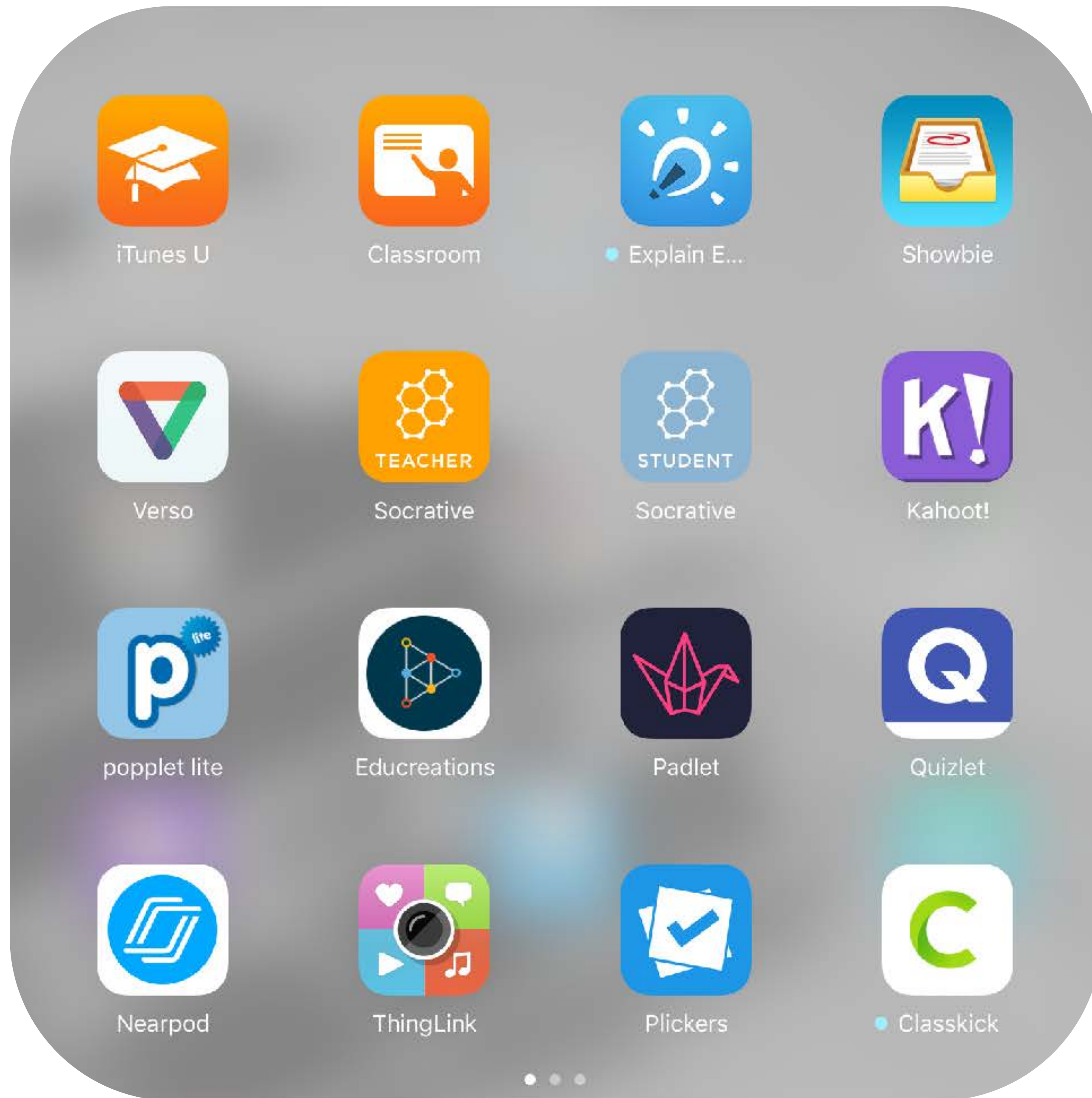


iMovie



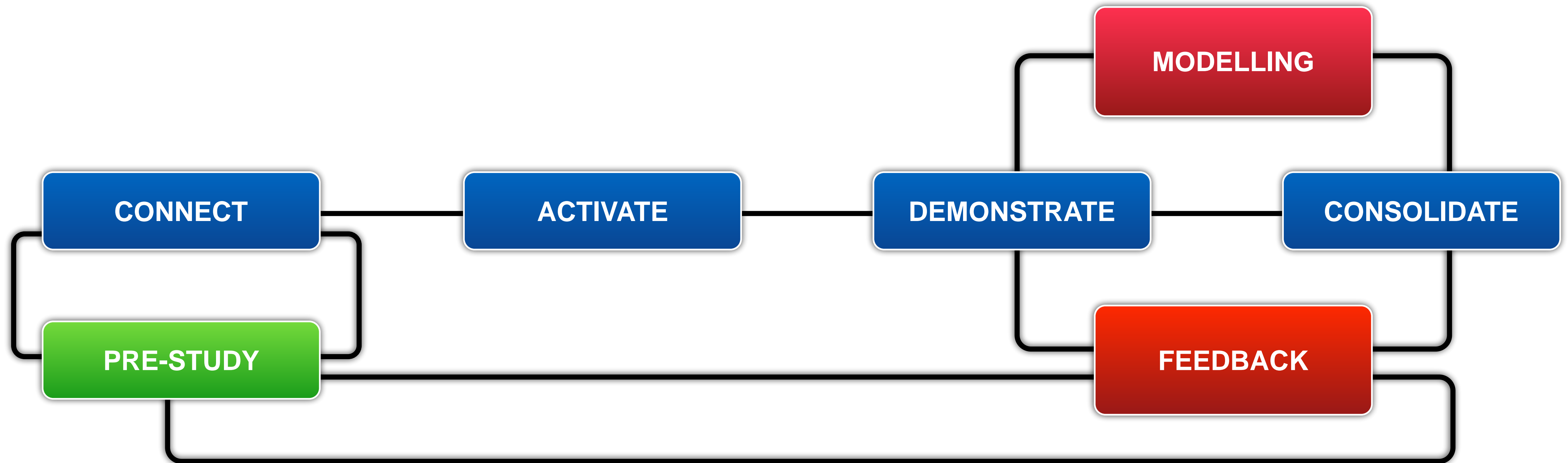
Keynote

Students

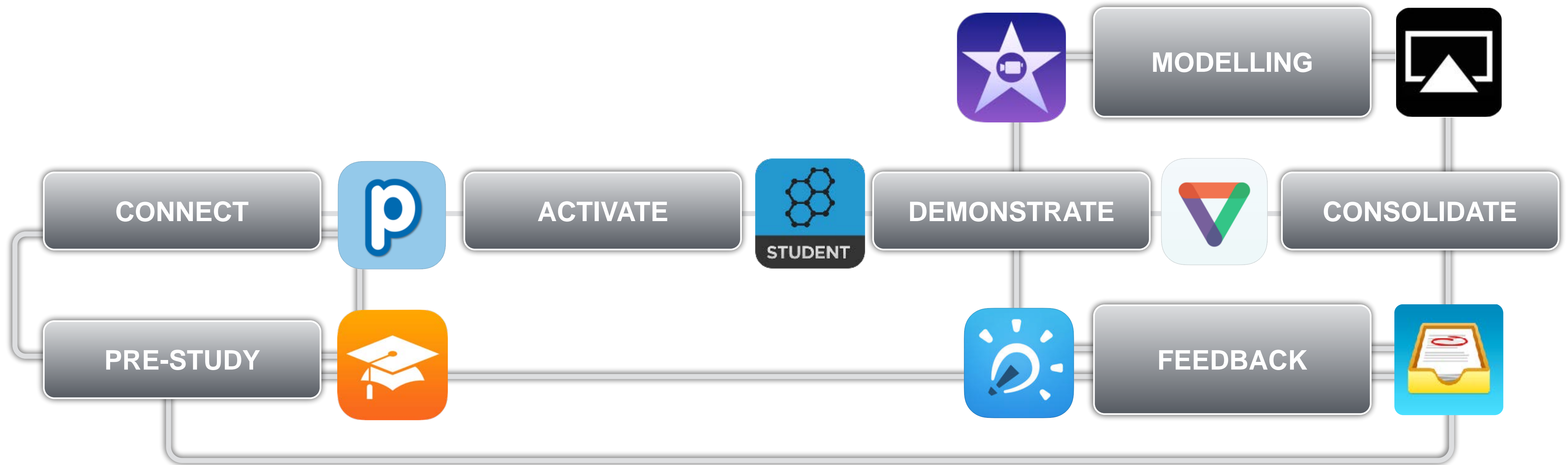


My Education apps

Accelerated Learning Cycle



Accelerated Learning Cycle



Demo

Assessment for Learning tools

Assessment & Workflow

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Explain Everything

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Socrative

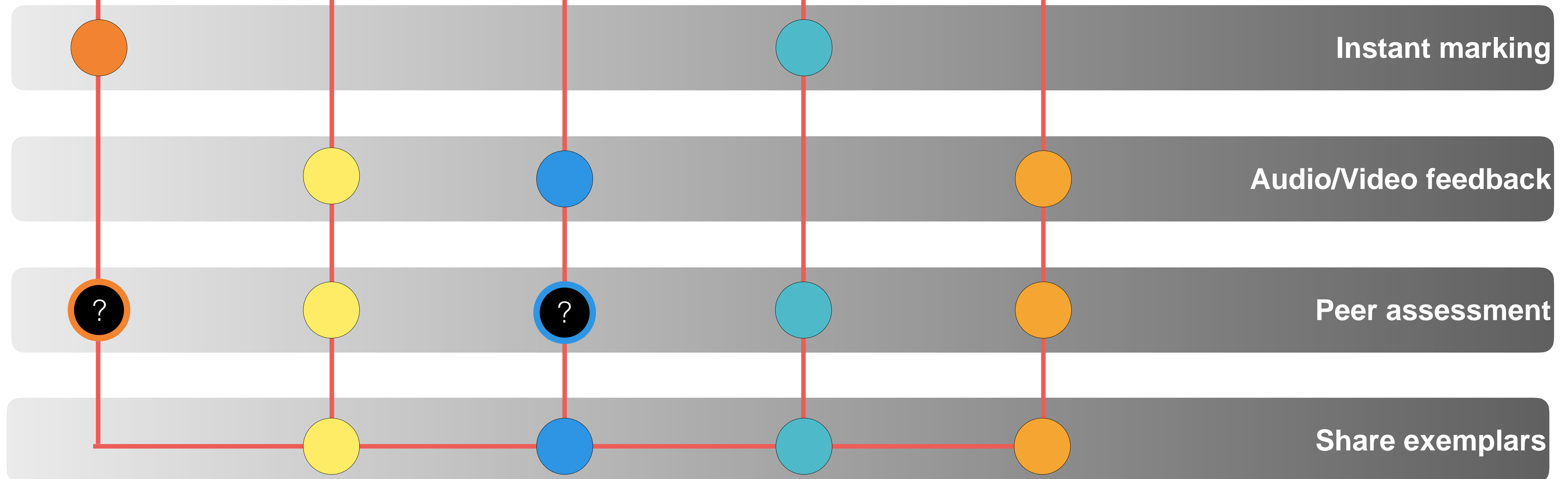
Showbie

Explain

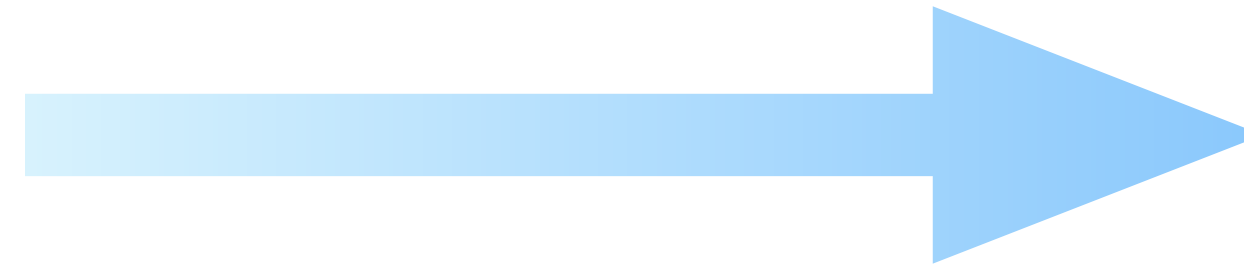
Nearpod

iTunes U

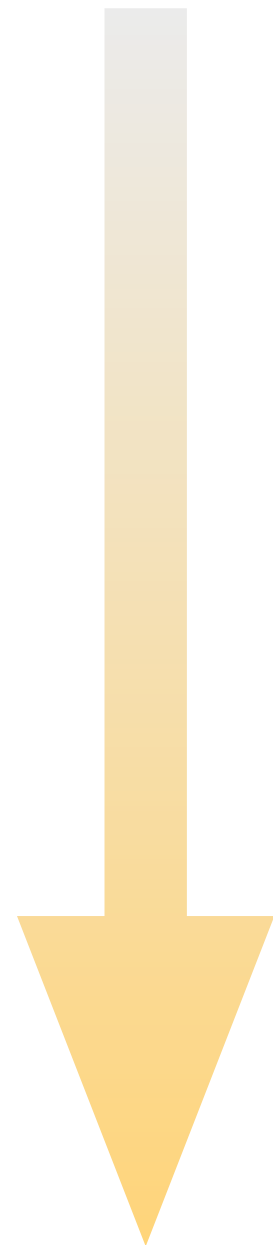
AFL



Assessment



	TEACHER led (Questioning)		>>>> STUDENT led (Creative)	
	Quizzes & self-assessment	Student Journals & Portfolios	Creating student content	Storytelling & Explaining ideas
C O M P L E X I T Y	Socrative	Padlet	Popplet	Adobe Spark
	Kahoots!	See-Saw	Book Creator	Strip Designer
	Quizlet	Pages	DoInk	Verso
	NearPod	Showbie	Thinglink	Paper (Sketchnotes)
	Google Classroom	iTunes U	Keynote (animation) & iMovie (video)	Explain Everything



Digital assessment

Free tools, save money

Faster, more regular feedback

Use of video/audio to enhance/transform feedback

Automatic tracking & date stamping

Share exemplars & best practice, improved questioning

Better support for peer assessment & metacognition

IMPACT

Measuring impact of learning



Retention

Literacy &
Numeracy

Accuracy &
Progress

Attitudes

Engagement



Exam Results

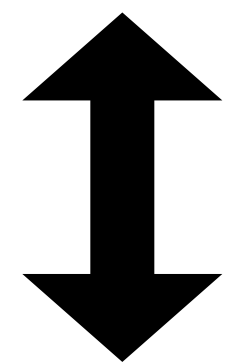
Cost savings

Time savings

Attendance

Behaviour

Issues:



Qualitative
VS
Quantitative

Effect Size
&
Sustainability

Reliability
&
Reproducibility

Thank you

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