

Digital Technology to Support Team Teaching and Collaboration

Phase	Type	Themes
<input type="radio"/> Early <input checked="" type="radio"/> Implementation <input type="radio"/> Consolidation	<input checked="" type="radio"/> Strategy <input type="radio"/> Tool	<input checked="" type="radio"/> Collaboration & teamwork <input type="radio"/> Curriculum <input type="radio"/> Design affordances <input type="radio"/> Design & process <input type="radio"/> Evaluation <input type="radio"/> Leadership & change <input checked="" type="radio"/> Pedagogy
		<input checked="" type="radio"/> Professional development & support <input type="radio"/> School structures & organisation <input type="radio"/> Spatial competencies <input type="radio"/> Student experience <input checked="" type="radio"/> Teacher experience <input checked="" type="radio"/> Technology <input checked="" type="radio"/> Time

What does this do?

Use of digital technology is a strategy that can support team teaching and collaboration. Collaboration happens when educators plan, teach, and work together to help support the needs of students in a learning space. There are commercially available programs specifically designed for educators. Free programs, with limited capabilities, are also available.

How can it help?

Using digital technology, such as shared drives/folders (online or local) and learning management systems, enable educators to easily share resources and ideas with each other, negotiate planned activities, work on the same document, or even plan a learning space design.

An example in practice

The Winooski School District in Vermont, United States, uses Google Docs to co-teach more effectively in the learning space. The school has created an online shared learning plan that is accessible by the teaching team. Educators can add resources, copy and adapt lesson plans, and write notes for other team members.

Where can I find this?¹

More information on the Winooski School District engaging in technology for co-teaching is available on this blogpost:

<http://www.nnetesol.org/2017/03/12/using-google-docs-to-upgrade-co-planning-and-co-teaching/>

A blank lesson plan template is also available via

<https://docs.google.com/document/d/1RH2BbCpRbeEwh14lkFKxgkxZVViStSk-5rt3RG-V8s/edit>

[Correct as at 29 April 2020].

1. All Spatial Transition Pathway 'Strategies and Tools' are licensed under a Creative Commons Attribution-Non Commercial 4.0 International License and available from iletc.com.au

Math Lesson for						Lesson Date:		
Warm-Up:								
Core Math Idea/Goal:								
Key lesson/unit vocab:								
Core Language Objective:								
Connection to Yesterday & Set-Up for Learning:								
Work the math (activities): (including group work/academic choices)								
Accommodation:								
Plenary/Select, Sequence, Connect, and Extend:								
Exit card: Accommodation:								
<i>(highlight at least one square from each section to work on)</i>								
HABITS OF MIND							JUSTIFY Why? (if specific case)	GENERALIZE/ CONJECTURE (sometimes, always or never both?)
Mathematical Representation	Connections	Regularly Patterns and Structures	Metacognition Reflection Disequilibrium	Mistakes & Stuck Points	Persevere & Seek More			
HABITS OF INTERACTION								
Purposeful Private Reasoning	EXPLAIN my Reasoning	Listen to Understand	Genuine Questions	Explore MULTIPLE PATHWAYS	Compare our LOGIC & IDEAS	Critique & Debate	MATH REASONING is the authority	
TEACHING ROUTINES				CATALYTIC TEACHING HABITS				
Structuring mathematically worthwhile student talk		Conferring to understand students' thinking and reasoning		Mathematical reasoning		Mathematical contradictions		
Working with selected & sequenced student math ideas		Eliciting reasoning about visual representations & connection to other math representations.		Perceptions of the meanings of specific math concepts & properties		Student revoking of other's math reasoning		
Working with public records of students' mathematical thinking		Working with students math struggles, errors and disequilibrium		Mathematical noticing & wonderings		A specific line of math reasoning		
				Trend in math strategies, struggles and understanding		The mathematical structure(s) in a strategy or argument		
				IMPLEMENTATION of specific MHOM & HOI		EVIDENCE of specific MHOM & HOI		

