Enhancing
Student-to-Other Communication
with Technology

PRESENTATIONS	
CHALLENGES	**SOLUTIONS**
→ Students' capacity to demonstrate and communicate knowledge and understanding through formal written summative tasks is highly dependent on writing ability.	→ Digital presentation tools allow students to communicate ideas and learning using multiple forms of media, matching medium to purpose.
→ Formal oral presentations are time-consuming for teachers and students to watch in real time and stressful for students with language or social difficulties.	→ Digital presentation products can be viewed and reviewed by teachers and students. This avoids excessive lost learning time and facilitates student reflection.
→ Some topics and concepts are difficult to adequately communicate through traditional written and oral methods.	

PRESENTATIONS (continued)

DIGITAL APPROACHES	DIGITAL TOOLS

DIGITAL APPROACHES

➔ Animation:
  - » Students can create animations using drawings, models, photos, or images to explain, illustrate, or present complex ideas and learning in creative, visual ways.

➔ Audio:
  - » Students can plan and create podcasts to communicate learning and ideas verbally and using additional audio, such as interviews and soundtracks.
  - » Students can record and share vocal performances and create musical compositions to communicate learning and enhance other digital products.

➔ Video:
  - » Students can create movies and videos using soundtracks, voice-overs, photo clips, video clips, and green-screen backgrounds to communicate and present extensive information and complex ideas creatively.

➔ Multimedia books:
  - » Students can create enhanced digital books that embed some or all of the products listed above to collate and present their work.

➔ Multimedia presentations:
  - » Students can communicate complex ideas with multimedia presentations containing audio, video, animation, hyperlinks, and motion.

DIGITAL TOOLS

➔ Animation:
  - » Apple Clips
  - » Chatterpix
  - » DoInk Animation
  - » Puppet Pals HD
  - » Stop Motion
  - » Tellagami Edu

➔ Audio:
  - » Ferrite
  - » Garage Band
  - » iMovie
  - » Spreaker Studio
  - » voice recorder app

➔ Video:
  - » Adobe Premiere Clip
  - » Adobe Spark Video
  - » Apple Clips
  - » DoInk Green Screen
  - » iMovie
  - » Shadow Puppet Edu
  - » WeVideo

➔ Multimedia books:
  - » Book Creator
  - » Google Docs
  - » Pages

➔ Multimedia presentations:
  - » Google Slides (collaborative)
  - » Keynote
  - » PowerPoint
  - » Prezi

PARTICIPATION AND FEEDBACK

CHALLENGES	SOLUTIONS
→ Language and writing and reading difficulties present barriers to classroom participation for English language learners and students with learning difficulties or differing needs. → Gathering feedback from students for formative assessment and to inform future planning can be time-consuming and difficult to manage practically. → Managing group collaboration and communication so that teachers and students have access to ongoing group work and feedback is challenging, particularly during cross-curricular or transdisciplinary project work.	→ Adaptive and assistive technologies make learning materials accessible to students, facilitate two-way communication, and support students in participating in day-to-day learning. → Teachers can use apps and software to streamline and increase the efficiency of the process of gathering student feedback. → Collaborative learning apps and software store student work and teacher feedback in a cloud-based platform, meaning it can be accessed and edited by multiple students and teachers simultaneously.

DIGITAL APPROACHES	DIGITAL TOOLS

→ Adaptive and assistive technologies:
  » Specially designed software can enable students with learning difficulties like dyslexia and dysgraphia to access and create written communication.
  » Translation software enables English language learners to communicate with peers and teachers.
 	
→ Gathering student feedback:
  » Response-gathering, grading, and polling tools enable teachers to share and analyze exit tickets, quizzes, and surveys quickly and efficiently to enhance formative assessment and encourage participation.
 	
→ Group collaboration and communication:
  » Collaborative learning platforms enable students and teachers to connect and communicate learning in groups and between different subjects.
  » Group video and text communication and digital learning platforms can facilitate group and project work and communication beyond the classroom.
	→ Adaptive and assistive technologies:
	  » Dragon Dictation
	  » dyslexia keyboards
	  » Dyslexie font
	  » Ghotit Dyslexia Keyboard App
	  » Google Translate
	  » NaturalReader
	  » Prizmo
	
	→ Grading and feedback tools:
	  » Flubaroo
	  » Google Forms
	  » Poll Everywhere
	  » Mentimeter
	  » Plickers
	  » Socrative
	  » Verso
	
	→ Collaboration platforms:
	  » Edmodo
	  » Padlet
	  » Google Classroom
	  » Google Hangouts
	  » Microsoft Teams
	  » Skype