






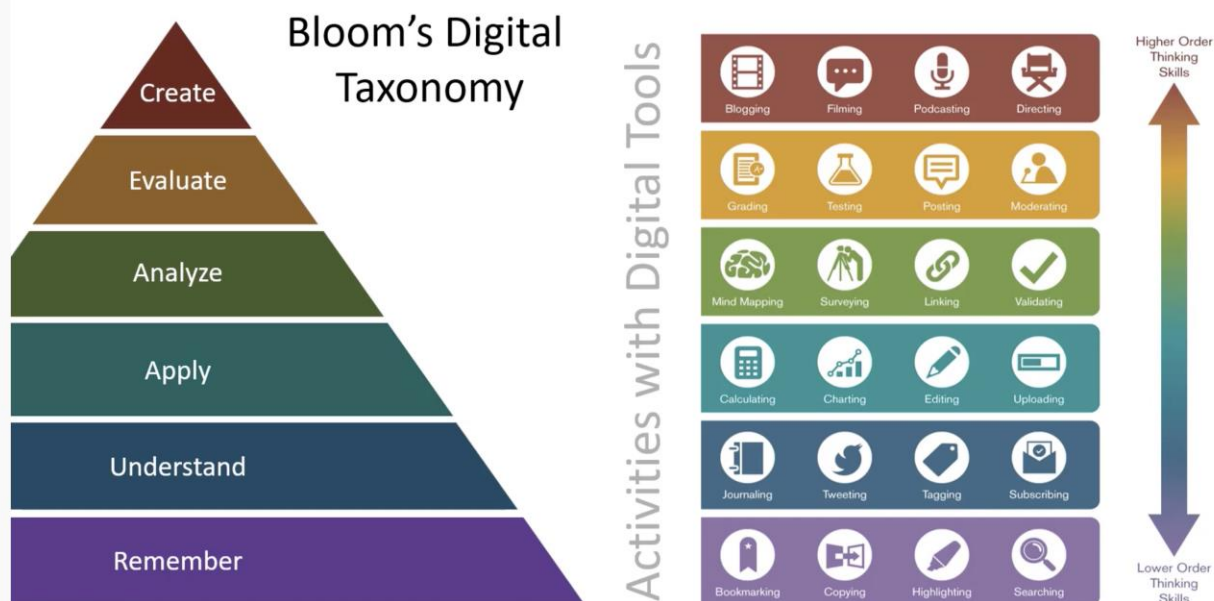
Teaching in a Digital Age:

The Four C's of 21st Century Learning Professional Development Series

Developed by Dr. Paul Miller

The Four C's of 21st Century Learning Professional Development Series is a five-part video series available in the Montgomery College Hub. <https://mcblogs.montgomerycollege.edu/thehub/five-minute-faculty-development/>
After an initial overview of the Four C's of 21st Century Learning in session 1, each C is explored and practical advice and strategies are offered to support the continuum of teaching and learning in sessions 2 through 5.

<p>Introduction to Teaching in a Digital Age: The Four C's of 21st Century Learning Video Part 1 https://bit.ly/3sCeycb</p>	<p>Teaching in a Digital Age: Critical Thinking Video Part 2 https://bit.ly/2XCACI3</p>	<p>Teaching in a Digital Age: Collaboration Video Part 3 https://bit.ly/2W9Gacp</p>	<p>Teaching in a Digital Age: Communication Video Part 4 https://bit.ly/3y9RYsg</p>	<p>Teaching in a Digital Age: Creativity Video Part 5 https://bit.ly/2UJNwTK</p>
 Session 1 Identify and understand the Four C's of 21 st Century Learning.	 Session 2 Identify the competencies of Critical Thinking . Evaluate existing pedagogical strategies that support the development of critical thinking skills. Access resources to enhance critical thinking opportunities in the future.	 Session 3 Identify the competencies of effective Collaboration . Evaluate existing pedagogical strategies that support the development of effective collaboration skills. Access resources to enhance opportunities for student collaboration in the future.	 Session 4 Identify the competencies of purposeful Communication . Evaluate existing pedagogical strategies that support the development of communication skills. Access resources to enhance opportunities for student communication in the future.	 Session 5 Identify the competencies of learner Creativity . Evaluate existing pedagogical strategies that support the development of learner creativity. Access resources to enhance opportunities for learner creativity in the future.



(Adapted from Caranza, n.d.)

	How learning happens	Steps to plan for teaching
Critical Thinking	Information & discovery interpretation & analysis reasoning problem solving	1. Determine learning objectives 2. Teach through questioning 3. Practice 4. Review, refine, and improve 5. Provide learning feedback
Collaboration	Cooperation responsibility construct feedback leadership & initiative	1. Practice active listening 2. Help and encourage others 3. Explain ideas/tell why 4. Everyone participates 5. Complete tasks
Communication	Effective listening Deliver oral presentations Engage in conversations & discussions Support an argument with claims	1. Communicate relentlessly 2. Simplify and be direct 3. Listen and Encourage input 4. Illustrate through stories 5. Affirm with actions
Creativity	Idea generation Idea design & refinement Openness & courage to explore Work creatively with others	1. Apply existing knowledge to generate new ideas, products, or processes 2. Create original works as a means of personal or group expression 3. Use models and simulations to explore complex systems and issues 4. Identify trends and forecast possibilities

Backchannels in F2F Classrooms

Need	Sample Uses	Tools
Chat or Q&A	Share resources Ask question Respond to prompts Clarify Comment	GoSoapBox.com Twitter or Google Slides Mentimeter (Q&A type slide) Tricider Teams/Zoom Chat BackChannelChat.com
Word clouds & Open-ended responses	Lists of ideas Unclear concepts Rephrase an idea Examples or Applications	Mentimeter (word cloud, open-ended) AnswerGarden Padlet (visual board)
Voting, Polling & Quizzes	Discover baseline Answer questions Check understanding	Mentimeter Poll Everywhere Socrative Google Forms Tricider GoSopaBox (+ "confusion barometer")
Visual, Brainstorming or Jamming	Collect & connect ideas Share images Play with concepts	Padlet.com Mural.co Jamboard.google.com

Taken from ELITE's Fall 2021 Professional Week

Teaching Change: How to Develop Individual Thinkers using Relationships, Resilience, and Reflection

by José Antonio Bowen, Ph.D., FRSA

Handout created by Gloria Barron 8/26/21. <https://bit.ly/4csdl>