

Office of E-Learning, Innovation, and Teaching Excellence (ELITE)

Tips to Support Technology Integration for 21st Century Teachers and Learners

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ELITE



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Session Outcomes

- Describe the Four C's of 21st Century Learning
- Evaluate current use/focus of the Four C's of 21st Century Learning.
- Plan for ways to leverage the Four C's of 21st Century Learning in the Future

21st Century Teaching and Learning



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Title

The Four C's of 21st Century Learning



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Critical Thinking



Information & Discovery

Interpretation & Analysis

Reasoning

Problem Solving

(American Modeling Teacher's Association, 2016)

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Collaboration - Marcy



Cooperation

Responsibility & Productivity

Construct Feedback

Leadership & Initiative

(American Modeling Teacher's Association, 2016)

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Communication



Communication

Effective Listening

Deliver Oral Presentations

Engage in Conversations & Discussions

Support an Argument with Claims

(American Modeling Teacher's Association, 2016)

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Creativity - Marcy



Idea Generation

Idea Design & Refinement

Openness & Courage to Explore

Work Creatively with Others

(American Modeling Teacher's Association, 2016)

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Technology Tips for Leveraging the 4C's of 21st Century Learning

The Four C's of 21st Century Learning



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Activity:

share some of our favorite ways to leverage the 4 C's using technology

Tips for Leveraging the 4C's - Marcy's Favorites



Blackboard Collaborate and Zoom



Critical Thinking Polling

Approach thinking using the questioning strategies and learning taxonomy



Collaboration Breakout Rooms

Use the grouping features to encourage collaboration



Communication Chat

Use the commenting feature to interact continually throughout class.



Creativity Whiteboard

Encourage students to use the whiteboard and drawing tools to openly display ideas, answers and corrections.



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Tips for Leveraging the 4c's- Michele's Favorites



Critical Thinking Ed Puzzle, transform your video materials by asking students open ended questions that require critical thinking



Collaboration Microsoft Office Tools (one drive, MS office, etc.) Use the commenting features to encourage collaboration



Communication Flipgrid, encourage students to practice communication with discussions that take place over live video



Creativity Adobe Spark Encourage students to use adobe spark to quickly develop assignments that encourage them to utilize storytelling skills



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Tips for Leveraging the 4c's- Gloria's Favorites



Critical Thinking

Mind mapping. Use mind mapping to create a graphical representation of ideas and concepts. Mindomo allows students to easily structure information visually organize, analyze, comprehend, and synthesize course content.

Mindomo
mindomo.com



Communication

Discord is a free voice, video, and text chat app used mainly by games. Due to the familiarity of the platform, students may use Discord to create a community and communicate more frequently at all hours. Studies show that it improves student communication, engagement, and performance.

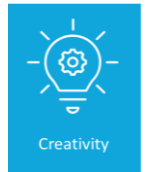
Discord
discord.com



Creativity

Doodly is a whiteboard animation tool that offers students a creative outlet for creating fun and engaging videos regardless of design skills or technical experience.

Doodly
doodly.com



Collaboration

Hypothesis is a digital annotation tool that promotes social reading and collaborative annotation.

Hypothesis
hypothes.is



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Let's see what apps are you using in your classrooms to promote the 4cs

- [Critical Thinking](#)
- [Collaboration](#)
- [Communication](#)
- [Creativity](#)

Group Activity 25 minutes

- We will place you in breakout sessions to complete these three tasks:
 1. Share Tips on how you currently use the 4c's to promote 21st century learning with your students.
 2. Identify Future plans to further leverage the 4c's of 21st century learning

Each group will receive a live, collaborative document, which we will share with all participants when we return from groups. [Here's an example](#)

Group Activity Collaborative Document Links

- Gloria: <https://tinyurl.com/4csGloria>
- Marcy: <https://tinyurl.com/4csMarcy>
- Michele: <https://tinyurl.com/4csMichele>

Plan for Future Ways to Leverage the 4cs of 21st Century Learning

- Each group completed a resource sheet for the Tips and techniques that promote the 4cs of 21st century learning.
- Each group also brainstormed future techniques for promoting the 4cs of 21st century Learning
- We will share all the tips via email after the presentation concludes.

Session Survey

Please give us feedback using the QR code or the link in the chat box.



*Thank
You*

<https://www.surveymonkey.com/r/Z9ZT2RD>

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References

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