Reflecting on 21st Century Skills

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What are 21st Century Skills?

- Locally decided
- Aligned to district vision mission
- Profile of a Graduate
- Often referred to as the 4Cs or Essential Skills
- Element of Choice Ready Framework
For today...4 Cs
But Why?

A focus on Communication, Creativity, Critical Thinking, and Collaboration is essential when preparing students for a Choice Ready future.

These are essential for our increasingly complex life and work environments within and outside of school.
Statewide Accountability

• North Dakota students cannot be Choice Ready unless the Essential Skills section is met.

• Currently, only 52% of our ND students are proficient in the Essential Skills section.

Meeting the 21st Century Skills component would count as one of the four options for Essential Skills.

Does your school or district define 21st Century Skills?

Let’s do a Poll

Select the link in the chat OR Scan the QR code with your camera
POLL RESULTS
Let’s walk through each C in more detail
Communication

Students must:

- Communicate using digital media and environments to support personal and group learning
- Share information efficiently and effectively using appropriate digital media and environments
- Communicate through and ideas clearly and effectively to different audiences using various media and formats

Communication is expressing though clearly, crisply articulating opinions, explaining cohort instructions, and motivating others through powerful speech.
Collaboration occurs when two or more people work together to accomplish a shared, common goal.

Students must:

- Work effectively with different groups of people, include those from diverse cultures and perspectives
- Be flexible and willing to compromise with team members to reach a common goal
- Demonstrate responsibility as a team member working toward a shared goal
Critical Thinking

Students must:

- Use different types of reasoning to understand a situation
- Analyze complex systems and understand how their interconnected parts support the system
- Gather relevant information
- Ask important questions that clarify points of view and help solve problems
- Make decisions by selecting appropriate criterion and identifying alternatives making reliable choices

Critical thinking involves logical thinking and reasoning including skills such as comparison, classification, sequencing, cause/effect, patterning, webbing, analogies, deductive/inductive reasoning, forecasting, planning, hypnotizing and critiquing
Creativity is the ability to produce new, diverse, and unique ideas through looking at things from different perspectives and unbound by rules, customs or norms.

Creativity

Students must:

| Use a wide range of idea creation techniques | Create new and worthwhile ideas | Elaborate, refine, analyze and evaluate their own ideas in order to improve and maximize creative efforts | Act on creative ideas to make tangible and useful contributions |
During the last 9 months, which C have you had to personally embrace? In what ways?
Keeping your experiences in mind, how can your students demonstrate the 4Cs in new ways?

Select link in chat – OR – Scan QR code with your camera.

Padlet Activity
PADLET RESULTS
North Dakota Resources
ND CTE Career Ready Practices

- Assessment tools for teachers, mentors, business partners to use with students
- Skill specific
- Provide common language and understanding of "Career Readiness"

https://www.cte.nd.gov/educators/career-ready-practices
# 21st Century Skills/4Cs Rubric

A tool for use to document 4Cs proficiency with the Essential Skills element of the Choice Ready framework

<table>
<thead>
<tr>
<th>Communication</th>
<th>Creativity</th>
<th>Problem Solving</th>
<th>Teamwork (Collaboration)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Score: 4-3-2-1</td>
<td>Score: 4-3-2-1</td>
<td>Score: 4-3-2-1</td>
</tr>
<tr>
<td>Communicating well</td>
<td>Creating ideas</td>
<td>Reasoning skills</td>
<td>Engaging actively and respectfully</td>
</tr>
<tr>
<td>Communicating through presentation</td>
<td>Researching ideas</td>
<td>Using information</td>
<td>Respecting other ideas</td>
</tr>
<tr>
<td>Communicating new ideas</td>
<td>Reflecting on ideas</td>
<td>Understanding the system</td>
<td>Listening well</td>
</tr>
<tr>
<td>Timely: Listening/speaking</td>
<td>Originality</td>
<td>Asking to understand</td>
<td>Sharing and supporting</td>
</tr>
<tr>
<td>Listening well</td>
<td>Applying ideas</td>
<td>Using multiple techniques</td>
<td>Open to compromise</td>
</tr>
<tr>
<td>Communicating with tech.</td>
<td>Working by self-direction</td>
<td>Using feedback</td>
<td>Participating</td>
</tr>
<tr>
<td>Communicating through written form</td>
<td>Innovation through diversity</td>
<td>Learning from the past</td>
<td>Balancing all views</td>
</tr>
<tr>
<td>Sub-Score</td>
<td>Sub-Score</td>
<td>Learning from mistakes and success</td>
<td>Understanding culture</td>
</tr>
<tr>
<td>Divide By: 7</td>
<td>Divide By: 7</td>
<td>Seeking solutions</td>
<td>Understanding the larger community</td>
</tr>
<tr>
<td>SCORE</td>
<td>SCORE</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total of all Scores: 9

Score Key:
4: Exceeds Competency
3: Meets Competency
2: Approaching Competency
1: Not Yet Reached Competency

Individual's Name:

Divide By: 4

Total Score:
SEL Pathways

• Provide North Dakota schools a framework to guide quality explicit instruction of social and emotional learning skills
• Compliment the 4Cs in a variety of ways

https://www.creand.org/social-emotional-learning
Questions

Please post in chat or unmute
Thank You!