

Student Growth and Development 21st Century Capacities Matrix

Critical Thinking	Creative Thinking	Collaboration & Communication	Self-Direction	Global Thinking
<p>Evaluating and Justifying Students will be able to identify and clearly define authentic problems and significant questions for investigation while citing appropriate evidence to justify conclusions and adjustment to thinking.</p>	<p>Real World Innovation Students will be able to utilize interdisciplinary knowledge to identify and explore novel ideas in order to transform existing solutions or develop new solutions to real-world problems.</p>	<p>Collective Intelligence Students will be able to work as a group, employing the varied expertise of each group member and performing a variety of roles and responsibilities, to address a complex problem.</p>	<p>Risk Taking Students will be able to act on curiosity and explore interests and inquiries without explicit parameters and despite unknown outcomes.</p>	<p>Engaging in Global Issues Students will be able to analyze ethical, economic, political, scientific, cultural issues, etc. and their implications for global systems and humanity.</p>
<p>Analyzing Students will be able to deconstruct a question or problem by identifying relevant data, resources, analogous examples, underlying assumptions, and appropriate strategies.</p>	<p>Simulating Students will be able to create models and simulations to explore complex systems and issues so as to identify trends and forecast possibilities.</p>	<p>Suspending Judgment Students will be able to forgo decision making while considering and finding value in the contributions of other team members in order to grapple with complex issues.</p>	<p>Critical Reflection Students will be able to reflect on, analyze, and evaluate progress of learning and implications for new learning, seeking out feedback as needed.</p>	<p>Citizenship Students will be able to seek out and participate in civic activities and exhibit ethical leadership in digital and real world environments.</p>
<p>Interpreting Students will be able to demonstrate deep understanding of an issue, i.e. analyze data, detect patterns and anomalies in order to determine cause and effect, make inferences, and draw conclusions.</p>	<p>Imagining Students will be able to imagine new directions and approaches (including alternate, divergent, and contradictory ideas) to pursue an interest, respond to curiosity, or to create real-world solutions and applications.</p>	<p>Justifying & Contextualizing Students will be able to choose and justify the most effective medium to interactively and purposefully share important findings in various contexts as well as adjust style and tone with consideration to audience and purpose.</p>	<p>Perseverance Students will be able to overcome obstacles and employ strategic processes to learn from success and failure.</p>	<p>Perspectivizing Students will be able to demonstrate empathetic response informed by examination of an issue from multiple perspectives (i.e. alternative theories, possibilities, unrepresented views).</p>
<p>Synthesizing & Applying Students will be able to demonstrate flexibility integrating and applying personal, collective and unit-generated knowledge to a novel application.</p>	<p>Design & Research Students will be able to engage in a design process by conducting research using a variety of research tools, models, methodologies, and information.</p>	<p>Connecting & Applying Students will be able to access various persons and environments (locally and globally), media, applications, and digital and non-digital tools to accomplish a specific objective.</p>	<p>Decision Making Students will be able to evaluate context, implications, and consequences so as to make ethical, responsible decisions in and out of the classroom.</p>	<p>Positionality Students will be able to interpret and critique their own viewpoints as well as alternate perspectives in order to minimize bias.</p>