

## Create Ideas and Solutions Core Learning Outcome Rubric

Criteria	Exemplary	Proficient	Developing	Beginning
<b>Explore/Experiment</b> with possibilities that move beyond traditional solutions; resolve innovative and/or divergent ideas and directions, including contradictory ideas	Embraces alternate methods, media, accidents and playfulness.  Actively engages in new directions and multiple approaches to a problem.	Attempts alternate methods, media, accidents and playfulness.  Investigates new directions and multiple approaches to a problem. May need some guidance and support.	Considers and includes some alternate methods and media, and evidence of accidents and playfulness.  Considers and includes new directions and multiple approaches with some guidance and support.	Unaware of, or unwilling to attempt alternate methods, media, accidents and playfulness.  Superficially explores new directions and multiple approaches only with encouragement and guidance.
<b>Utilize</b> technology to adapt to and create new media	Incorporates appropriate technology.  Consistently explores new and relevant technology in a given field.  Pushes limits; uses and discovers new ways to apply technology.	Incorporates appropriate technology often.  Aware of new and relevant technology in a given field.  Occasionally uses technology in novel ways.	Some incorporation of appropriate technology.  Limited understanding of current and available technology.  Uses some technology but displays some resistance.	Limited or inappropriate technology.  Little to no understanding of current technology and its potential applications in a given field.  Often finds basic technology use challenging, frustrating and limiting.
<b>Invent</b> or hypothesize new variations on a theme, unique solutions or products	Extends and transforms initial ideas/concepts into new and sophisticated solutions.  Constructs new combinations, variations or processes.	Recognizes and incorporates new approaches and ideas/concepts to develop solutions.  Investigates new combinations, variations or processes.	Demonstrates awareness of new ideas/concepts in developing a solution but does not follow through or demonstrate resolution.  Limited investigation of new combinations, variations or processes.	Repeats pre-existing ideas or initial concept with limited or no exploration.  Does not consider, or rejects, most new combinations, variations or processes.
<b>Persist</b> when faced with difficulties, resistance, or errors; transform and revise solution or project to completion	Displays tenacity, moves confidently through resistance and demonstrates an independent working process.  The project is complete and fully resolved despite problems, mistakes or difficulties.	Demonstrates tenacity and ability to work through resistance. Works well with limited assistance.  The project is complete despite difficulties, and demonstrates significant effort to overcome and resolve problems.	Some evidence of tenacity and working despite resistance. Often needs assistance and support.  The project is complete but not fully resolved. Aware of problems or difficulties but lacking effort or resolution.	Demonstrates little or no tenacity and is resistant. Needs significant assistance and support.  The project is completed with minimal effort or not fully completed. Little or no awareness that problems developed or needed resolution.

<p><b><i>Risk-taking by embracing ambiguity and risking mistakes, transform and revise solution or project to completion</i></b></p>	<p>Actively accepts risk-taking and possible failure as an important part of creative activity.</p> <p>Demonstrates resourcefulness and embraces complexity and ambiguity.</p> <p>Makes changes when necessary and thoroughly explores the unknown.</p>	<p>Demonstrates some risk-taking.</p> <p>Demonstrates some resourcefulness and ability to work despite ambiguity and complexity.</p> <p>Makes some changes and demonstrates willingness to explore the unknown.</p>	<p>Limited risk-taking present.</p> <p>Demonstrates limited resourcefulness and acceptance of ambiguity or complexity.</p> <p>Makes little or few changes and does not stray far from the known.</p>	<p>Displays little or no risk-taking.</p> <p>Displays little resourcefulness and is uncomfortable with ambiguity and complexity.</p> <p>Little evidence of changing first idea. Stays strictly within the limits of the known.</p>
<p><b><i>Reflect on successes, failures, and obstacles</i></b></p>	<p>Embraces ownership of process and product.</p> <p>Exhibits improvements, alterations and resolutions based on contemplation and/or feedback.</p> <p>Actively seeks, considers, and engages in critical analysis. Asks questions; imagines many possibilities.</p>	<p>Demonstrates some ownership of process and product.</p> <p>Demonstrates apparent improvement based on contemplation and/or feedback.</p> <p>Engages in and considers critical analysis, asks some questions and examines possibilities.</p>	<p>Sees process and product as somewhat outside of self.</p> <p>Limited improvement based on contemplation and feedback.</p> <p>Considers some critical analysis. Asks limited questions and may examine some possibilities.</p>	<p>Sees product and process in a limited way and removed from self.</p> <p>Little or no improvement based on contemplation and/or feedback.</p> <p>Does not actively seek or engage in critical analysis and resists much feedback ("I like it like that.").</p> <p>Asks few or no questions and rejects most alternatives.</p>