

ADST - Grade 8 – Potential Midterm/Final Summative document to supplement an ongoing portfolio?

<b>APPLIED DESIGN</b>		<b>Where am I? How far have I come?</b> How do I know? What is my evidence of growth?	<b>Where am I going?</b> What are my goals? What supports do I need?
<b>Discovering</b> ( <i>Understanding Context, Defining</i> )	<p>Identifies and understands the needs of others; explores potential design opportunities.</p> <p>Identifies potential features and considers possible constraints (challenges and limitations).</p> <p>Identifies criteria for success.</p>		
<b>Generating Ideas</b> ( <i>Ideating</i> )	<p>Generates and chooses potential ideas by considering possible constraints (challenges and limitations) and criteria for success.</p> <p>Evaluates personal, social, environmental impacts and ethical considerations.</p>		
<b>Creating</b> ( <i>Prototyping, Testing, Making</i> )	<p>Develops a plan using different sources of information and identifies stages and resources required.</p> <p>Constructs and tests versions of designs (prototypes) using a variety of tools, materials, and methods.</p> <p>Gathers peer, user, and expert inspiration to make changes, troubleshoot, and test again. Records iterations.</p> <p>Plans stages of production and identifies and uses appropriate tools, technologies, and materials to minimize waste. Makes changes as needed.</p>		
<b>Sharing</b>	<p>Demonstrates and shares product with an audience.</p> <p>Evaluates product against criteria and reflects on the design process.</p> <p>Evaluates ability to work effectively both individually and within a group.</p> <p>Identifies new design issues.</p>		

<b>APPLIED SKILLS</b>		<b>Where am I going?</b> What are my goals? What supports do I need?	<b>Where am I? How far have I come?</b> How do I know? What is my evidence of growth?
<b>Safety</b>	Demonstrates an awareness of precautionary and emergency safety procedures in both physical and digital environments		
<b>Skills</b>	Identifies and evaluates the skills and skill levels needed, individually or as a group, in relation to a specific task, and develops them as needed		

<b>APPLIED TECHNOLOGIES</b>		<b>Where am I going?</b> What are my goals? What supports do I need?	<b>Where am I? How far have I come?</b> How do I know? What is my evidence of growth?
<b>Selecting</b>	Selects, and as needed, learns about appropriate tools and technologies to extend their capability to complete a task		
<b>Accountability</b>	Identifies the personal, social, and environmental impacts, including unintended negative consequences, of the choices they make about technology use  Identifies how the land, natural resources, and culture influence the development and use of tools and technologies		