

**2009 Intermountain Conference on Education of the Gifted
Mini-Strand Proposal Template**

Presenter: Maele Shakespear

Presentation Title: Architectural Perceptions in Two-Dimensional Space

Overview: You may not know you have a gifted student until you give them a visual problem to conquer. Combining visual art and technology gives students an opportunity to solve complex problems and create real-world solutions. Participants in this strand will walk away with an increased knowledge of visual perceptions, problem-solving, and drawing skills related to math and technology

Audience Guidance				Time Slot
Primary Grades (K-2)	2	Key	1. This mini-strand will be directly applicable to these grade levels. Teachers at these grade levels will benefit most by attending this mini-strand.	AM
Elementary Grades (3-5)	1		2. This mini-strand will be suitable for these grade levels. Teachers at these grade levels will benefit some by attending this mini-strand because instructors will suggest extensions or adaptations.	
Middle School (6-8)	1		3. This mini-strand could be suitable for these grade levels. However, to benefit, teachers at these grade levels will be individually responsible for determining implications for their own particular teaching assignments.	PM
High School (9-12)	3		4. This mini-strand is likely not appropriate for these grade levels.	

Daily Outlines

Monday	Tuesday	Wednesday
Curriculum/Content	Instruction/Process	Assessment/Product
<ul style="list-style-type: none"> • Thematic Links: <ul style="list-style-type: none"> ○ 3-dimensional figures and geometric terms ○ Rendering 3-dimensional structures on a 2-dimensional surface ○ Life and work of Frank Lloyd Wright 	<ul style="list-style-type: none"> • Using Google Sketch-up to create architectural structures. • Drawing 3-dimensional structures using 1-pt. and 2-pt. perspective 	<ul style="list-style-type: none"> • Student-Constructed Rubrics • Guided Peer-Critique (using a blog to critique) • Description word game. • Extensions: teaming up with local architects