

Lesson Flow for Building Observation and Inquiry into Integrated Lessons

SEE (Activities that Build Foundational Understanding)	WONDER (Art examples or applications that put skills in context)	CONNECT (Creating artworks around a theme)
<p>Guided investigation of cubes or rectangular prisms</p> <hr/> <p>Independent play</p> <hr/> <p>Dividing a cube of blocks into equal parts</p> <hr/> <p>Compare rectangular prisms to cubes</p> <hr/> <p>Revisions</p>	<p>See/Think/Wonder: with Szopka Buildings</p> <hr/> <p>Visual Notes/Vocabulary list: Architecture terms, Symmetry, Height, Width, Proportion</p> <hr/> <p>Student discussion around social questions: What effects do Height and Symmetry have on a building and it's users?</p>	<p>6x6 array to symmetrical tower challenge</p> <hr/> <p>Building Collage with Symmetrical Rectangles</p> <hr/> <p>Telling stories about people in the building</p> <hr/> <p>Measuring cast shadows</p> <hr/> <p>Area measurements</p> <hr/> <p>Museum Presentation</p>
SEE (Activities that Build Foundational Understanding)	WONDER (Art examples or applications that put skills in context)	CONNECT (Creating tangible works around a theme)
<p>Investigating popsicle sticks, 1,2,3,8 and more</p> <hr/> <p>Shape or angle challenges</p> <hr/> <p>Collaborative play (Make anything, but it must connect somehow to the person to your right and left)</p>	<p>See/Think/Wonder with Sarah Morris "Reflecting Pool"</p> <hr/> <p>Group brainstorm: what public places do you visit?</p> <hr/> <p>What places do you wish could be open to the public/free?</p>	<p>With a team, construct buildings and natural spaces for a public space</p> <hr/> <p>Balance open and closed spaces by measuring built areas with blocks and subtracting from the calculated area of the paper.</p>

VISIBLE THINKING STRATEGIES

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CONNECT WITH ME

 ruthcbyrne@gmail.com

 [@Ruthbyralen](https://www.instagram.com/Ruthbyralen)

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 [@ruthcbyrne](https://twitter.com/ruthcbyrne)

Student Museum Worksheet Szopka Buildings

BUILDING TITLE

BUILDING PURPOSE

HEIGHT

WIDTH

AREA OF THE BUILDING’S FACE

WHAT DO THE NEIGHBORS THINK OF YOUR BUILDING?

Student Museum Worksheet Sarah Morris, Community Building

TOWN NAME

TOWN CHARTER

LARGEST LOT PERIMETER

SMALLEST LOT PERIMETER

LARGEST LOT AREA

SMALLEST LOT AREA

ROAD LENGTH

OPEN SPACE TOTAL AREA

IMPERVIOUS SURFACE TOTAL AREA