

## Building Triangles with AngLegs Activity

Activity		
Building Triangles with AngLegs: Geometry Shapes		
Goal(s)		
<ul style="list-style-type: none"> <li>Engage in and reflect upon a playful learning activity.</li> <li>Construct triangles using AngLegs Geometry Tools</li> <li>Use vocabulary related to geometry comparisons</li> </ul>		
Foundations/Standards		
Infant/Toddler Foundations: Spatial Relationships (36 mo.) Preschool Foundations: Geometry (48 mo.) 1.0 Preschool Foundations: Geometry (60 mo.) 1.0 Preschool Foundations: Measurement (60 mo.) 1.1	Common Core State Standards K.MD 1, 2, & 3 Common Core State Standards K.G 2, 4, 5, 6 Common Core State Standards 1.G 1, 2 Common Core State Standards 2.G 1 Common Core State Standards 3.G 1, 2	
Potential Behaviors	Vocabulary	Question/Prompts
<ul style="list-style-type: none"> <li>Participants might find 3 AngLegs that will not form a triangle</li> <li>Participants make many unique triangles</li> <li>Participants create 3-dimensional figures (pyramids/tetrahedrons)</li> <li>Participants might make polygons with more than 3 sides</li> </ul>	<ul style="list-style-type: none"> <li>triangle</li> <li>congruent</li> <li>similar</li> <li>larger</li> <li>smaller</li> <li>sides</li> <li>vertex</li> </ul>	<ul style="list-style-type: none"> <li>What are some different ways you can make a triangle?</li> <li>What are some ways triangles can be the same/different?</li> <li>Can two triangles be different sizes but still look the same or similar?</li> <li>What kinds of things happen when two triangles are joined together?</li> </ul>
Reflections		
<ul style="list-style-type: none"> <li>What academic vocabulary did students attempt to use?</li> <li>What did they build?</li> <li>How did they build it?</li> </ul>		