



gellin' with GEOMETRY

and connections with
B.E.S.T.

Mathematical Thinking and Reasoning Standards

MTR1: Actively participate in effortful learning both individually and collectively.

MTR2: Demonstrate understanding by representing problems in multiple ways.

MTR3: Complete tasks with mathematical fluency.

MTR4: Engage in discussions that reflect on the mathematical thinking of self and others.

MTR5: Use patterns and structure to help understand and connect mathematical concepts.

MTR6: Assess the reasonableness of solutions.

MTR7: Apply mathematics to real-world contexts.

All of the *Gellin' with Geometry* activities were designed to promote critical thinking skills. The parent participation booklet offers some suggested higher-order thinking questions for parents to ask their children as they are involved in the activity. As parents work with their children and enter into deeper mathematical conversations, they will be addressing the *Mathematical Thinking and Reasoning Standards* and promoting greater learning and understanding.



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3-D Solids	
Beginning Level	K.GR.1.1; K.GR.1.3; 1.GR.1.1
Intermediate Level	2.GR.1.1
Advanced Level	5.GR.1.2
Area	
Beginning Level	K.NSO.1.1; K.NSO.3.1; K.NSO.3.2; K.GR.1.1; 1.NSO.2.2; 1.NSO.2.4; 1.AR.1.1; 1.GR.1.1
Intermediate Level	2.NSO.2.1; 2.NSO.2.3; 2.AR.3.2; 2.GR.2.1; 2.GR.2.2; 3.NSO.2.2; 3.NSO.2.4; 3.GR.2.2; 3.GR.2.3
Advanced Level	Area of plane figures with same perimeter
Fraction Action	
Beginning Level	K.NSO.1.3; K.GR.1.1; K.GR.1.5; 1.FR.1.1; 1.GR.1.1; 1.GR.1.3
Intermediate Level	2.FR.1.1; 2.FR.1.2; 3.FR.1.1; 3.FR.1.2; 3.FR.2.2; 3.GR.2.1
Advanced Level	4.FR.1.3; 4.FR.2.1; 4.FR.2.2; 4.GR.2.1; 5.FR.2.1
Geometry Bingo	
Beginning Level	K.GR.1.1; 1.GR.1.1
Intermediate Level	2.GR.1.1; 3.GR.1.1; 3.GR.1.2
Advanced Level	4.GR.1.1; 5.GR.1.1



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Origami	
Beginning Level	K.GR.1.1; 1.M.1.1
Intermediate Level	2.GR.1.1
Advanced Level	4.GR.1.1
Structures	
Beginning Level	K.NSO.1.2; K.GR.1.1; K.GR.1.2; K.GR.1.3; 1.GR.1.1; 1.GR.1.3
Intermediate Level	2.GR.1.2
Advanced Level	5.GR.1.2
Symmetry	
Beginning Level	K.NSO.1.2
Intermediate Level	2.GR.1.3; 3.GR.1.3
Advanced Level	4.GR.1.1
Tangrams	
Beginning Level	K.GR.1.1; K.GR.1.5; 1.GR.1.1
Intermediate Level	2.GR.1.1; 3.GR.1.2
Advanced Level	Emphasis on problem solving.