

## 4th Grade EDM Support for Focus Strand: Geometry

### Purpose of the GLE Strand Reference Guide:

The purpose of the Everyday Math (EDM) /Grade Level Expectation (GLE) strand reference guide is to offer teachers easy access to remediation materials in the Everyday Math Program for not only the specific strand, but also for specific GLEs.

Below you will find:

- Power Lessons that emphatically teach to specific GLEs in either Part 1 or Part 2 of the lesson.
- Projects that target a GLE within the strand are listed by the GLE that is addressed
- Games listed by GLE addressed
- Open Response item listed by GLE addressed
- Minute or 5-Minute Math activities that target the strand
- Assessment Disk assessment/practice problems that could be used to assess the strand.
- Reinforcement Suggestions from *Maintaining Concepts and Skills* in the Differentiation Handbook

### Power Lessons:

**G-1:** 1.3, 1.4, 1.5, 3.7

**G-2:** 11.1, 11.2, 11.3

**G-3:** 3.8

**G-4:** 3.6, 10.4

**G-5:** 10.5

**G-6:** 9.4, 9.5, 9.6, 11.7

**G-7:** 8.3, 8.4, 10.8 & 10.9

**G-8:** 6.8, 6.9, 9.1, 9.2, 9.3

**G-9:** 3.5

10.4, 10.5, 11.2, 11.3

### PROJECTS:

Project 4: *Making a Quilt* (G-3 & G-4)

### GAMES:

*Dart Game* (G-3; Unit 10)

*Pocket Billiards* (G-3; Unit 10)

*Rugs and Fences* (G-6; Unit 8)

*Angle Tangle* (G-1; Unit 6)

*Robot* (G-4; Unit 6)

*Polygon Pair Up* (G-1; Unit 1)

**OPEN RESPONSE ITEMS (Assessment Handbook):**Unit 1: *Properties of Polygons* (G-1)Unit 8: *Comparing Areas* (G-7)**5 MINUTE MATH**

Geometry: Easy pp. 56-65, Moderate pp. 139-149, Difficult pp. 220-230

**EVERYDAY MATH ASSESSMENT ASSISTANT****Grade 4**

Everyday Mathematics Grade 4 Goals

Geometry

Goal 1: Lines and Angles

Goal 2: Plane and Solid Figures

Goal 3: Transformations and Symmetry

**Reinforcement Suggestions  
from *Maintaining Concepts and Skills*  
in Differentiation Handbook**

**G – 1**

- Read *The Greedy Triangle* and have students use straws and twist-ties to make the polygons from the story. See Readiness activity in Lesson 1.5. (Unit 1)
- Have students build polygons with straws and twist-ties and **describe** the properties of the polygons. (Unit 1)
- Have students play *Angle Tangle*. **(Unit 6)**
- Have students model specified types of angles with rope. See Readiness activity in Lesson .6.6. (Unit 6)
- Have students play *Polygon Pair-Up*. (Unit 8)
- Have students build polygons with straws and twist-ties and **compare** the properties of the polygons. (Unit 8)

**G – 2**

- Have students sort common objects, which represent geometric solids, by properties. See Readiness activity in Lesson 11.3. (Unit 11)

**G – 3 and G - 5**

- Have students make point reflections. See the Readiness activity in Lesson 10.2. (Unit 10)

**G – 6**

- Have students play *Rugs and Fences*. (Unit 8)
- Have students construct rectangles and squares of a given perimeter on a geoboard. See Readiness activity in Lesson 8.1. (Unit 8)
- Have students explore area using square pattern blocks. See Readiness activity in Lesson 8.5. (Unit 8)

**G – 8**

- Have students make line segments and parallel line segments on a geoboard. See Readiness activity in Lessons 1.2 and 1.4. (Unit 1)