

Grade 3	Lesson: 11-3 Polygons	Reference to English
Math Standard(s): 3.G.1		Domain: Geometry
Content objective(s):		Language Objective(s):
Students will identify and classify polygons. <i>我会认出并做多边形的分类。</i>		Students will tell their partner a riddle. <i>我会告诉同学一个谜语。</i>
Essential Understanding Plane shapes have many properties that make them different from one another.		Required Academic Vocabulary for Word Wall: Listen: 斜线, 四边形, 五边形, 六边形, 八边形, 十边形 Read: Write: 四边形, 五边形, 六边形, 八边形, 十边形 Speak: Sentence Frame:
Materials: <ul style="list-style-type: none"> Dot paper (Teaching Tool 14) Guided and Independent Practice 		Additional Lesson Vocabulary:
Lesson:		Instructional Time: 30 – 35 minutes
Opening: (5 minutes) <ul style="list-style-type: none"> Review line segments and angles. T: “今天你会学习怎么分辨出不同的形状。” <ul style="list-style-type: none"> Draw a variety of shapes on the board. T: “看白板上的形状, 然后与同学轮流描述它们。”		
Introduction to New Material (Direct Instruction): (5 minutes) <ul style="list-style-type: none"> Use page 280B from the Teachers’ Manual. Pass out the dot paper. T: “我来告诉你们一个谜语然后你们要画图来解答。” <ul style="list-style-type: none"> Go over the vocabulary – write it on the board with pictures (or use vocab cards). 		
Guided Practice: (8 minutes) <u>Use the modeling cycle:</u> Teacher Does: <ul style="list-style-type: none"> Read at least 3 more riddles and have the students draw the shapes on the dot paper. Compare shapes the students drew. All Students Do: T: “现在换你和同学想出一个谜语然后画出来。”		
Independent Practice: (10 minutes) <ul style="list-style-type: none"> Read problems 1-4 to the students but have them solve them independently. Have students name the polygon in problems 8-15. Read problems 16-19 to the students. 		
Closing: (7 minutes) <ul style="list-style-type: none"> Read problem 5,6,7 to the students. Ask the questions. 		
Assessment:		
Guided and Independent Practice		