

Tangipahoa Parish School System
Math Implementation Guide
Grade 7

Unit 5 : Measurement (Comprehensive Curriculum Unit 6)

Time Frame: 4 Weeks

Prior Knowledge Required for this unit:						
<ul style="list-style-type: none"> • Measurement Usage • Using Formulas • Standard and Metric Units • Polygons 						
Suggested time	Comprehensive Curriculum Activity	Grade Level Expectations (focus GLEs boldfaced)	HRW Teacher Edition Pages	Recommended Assessments	Textbook Resources	Other Resources
2 days	Activity 1: Calculate Perimeter and Area of a Plane Figure Skill: Calculate Perimeter and Area of a Plane Figure Comprehensive Curriculum Page 78	GLE 5: Multiply and divide positive fractions and decimals (N-5-M) GLE 7: Select and discuss appropriate operations and solve single- and multi-step, real-life problems involving positive fractions, percents, mixed numbers, decimals, and positive and negative integers (N-5-M) (N-3-M) (N-4-M) GLE 20: Determine the perimeter and area of composite plane figures by subdivision and area addition (M-1-M) (G-7-M) GLE 22: Convert between units of area in U.S. and metric units within the same system (M-5-M)	Page 272-273 - Section 5-4 Dimensional Analysis Page 288-289 - Section 5-7 Scale Drawings & Scale Models Page 414-415 - Section 8-1 Customary & Metric Measurements Page 424-425 - Section 8-3 Perimeter & Circumference Page 456-457 - Extension - Area of Irregular Figures	Activity 1 Assessment, Comprehensive Curriculum, Page 85	Page 274-275 Page 290-291 Page 416-417 Page 426-427	Professor Know-It-All (View Literacy Strategy Descriptions)
2 days	Activity 2: Pool and Hot Tub Addition Skill: Calculate Area of an Irregular Figures Comprehensive Curriculum Page 79	GLE 20: Determine the perimeter and area of composite plane figures by subdivision and area addition (M-1-M) (G-7-M) GLE 22: Convert between units of area in U.S. and metric units within the same system (M-5-M)	Page 434-435 - Section 8-5 Area of Triangles & Trapezoids Page 456-457 - Extension - Area of Irregular Figures	Activity 2 Assessment, Comprehensive Curriculum, Page 85	Page 436-437 Page 458-459	Math Learning Logs (View Literacy Strategy Descriptions)
2 days	Activity 3: Measuring Scavenger Hunt Skill: Measuring Length of Real Life Objects Curriculum Page 80	GLE 22: Convert between units of area in U.S. and metric units within the same system (M-5-M)	Page 272-273 - Section 5-4 Dimensional Analysis Page 414-415 - Section 8-1 Customary & Metric Measurements		Page 274-275 Page 416-417	