

IRVING INDEPENDENT SCHOOL DISTRICT
Mathematics Instructional Guide - Grade 8 (6th GT)
3rd Six Weeks

Revised 4/2003

LEARNING OBJECTIVE Statement of TEKS	TEKS #	TAKS Objective	S TEXTBOOK Resources listed are found in Curriculum Notebook. **Other	ASSESSMENT Connection TAKS 2003
1. Use algebraic expressions to find any term in a sequence.	8.5B	2	7-5 and TEXTEAMS Activity "Stretching Sequences"	
2. Use geometric concepts and properties to solve problems in fields such as art and architecture. <i>Identify parallel lines and angles formed by transversals. Cover all related geometry terms. Classify triangles and find missing angles. Classify quadrilaterals. Identify lines of symmetry.</i>	8.7B	3	5-1, 5-2, 5-3, 5-4	
3. Use proportional relationships in similar shapes to find missing measurements.	8.9B	4	5-5, 5-6	
4. Use geometric concepts and properties to solve problems in fields such as art and architecture. <i>Review formulas for: Area and Perimeter (Circumference) of rectangles, squares, parallelograms, trapezoid triangles & circles. The problem solving should be designed to move the students to a higher level of thinking.</i>	8.7B	3	1-8, 7-6 7-7, 11-1	

The TEKS found in Strand: Underlying Processes and Mathematical Tools - 8.14 A,B,C,D ; 8.15 A,B and 8.16 A,B – are not to be taught or tested in isolation; they are to be integrated throughout the content objectives as an ongoing process. (TAKS Objective 6)

Σ Glencoe Mathematics, Applications & Connections, Course 3

ΣΣ Other Resources in district: Exemplars Activities found on District Intranet; TEXTEAMS Activities; Region 10 WebCCAT Internet TEKS Assessment Question Bank; Middle School w/ Pizzazz notebooks; Understanding Math Software

Also available resources at www.utdanacenter.org/ssi