

Matrix: John's Field

TASK: John's Field Grades 6 - 8	H = S =	U = C =	H = S =	U = C =	H = S =	U = C =	H = S =	U = C =
STRAND: Geometry, Spatial Sense and Measurement								
GRADE 5								
Solves problems that involve perimeter, diameter, base, height, vertices, perpendicular lines, and angles using geometric models of 2-dimensional shapes.								
Uses measures of money and time, customary and metric measures of length, weight, and volume to solve problems and makes estimates.								
GRADE 6								
Develops and tests strategies for finding perimeters and areas.								
Translates strategies into formulas for areas and perimeters using appropriate math symbolism (e.g. square feet = ft ²).								
Selects and applies appropriate formulas to solve problems.								
Measures objects using customary and metric units for length, volume, mass, and area.								
GRADE 7								

Performance Standards

Translates problem-solving strategies into efficient computation using appropriate mathematical terminology.										
GRADE 8										
Selects the appropriate representations to describe thought provoking real-life situations.										
Manipulates all real numbers, their properties, and operations.										
STRAND: Patterns, Functions and Algebraic Concepts										
GRADE 5										
Uses variables and open sentences to express simple, single-step algebraic equations ($2 + n = 5$).										
Investigates the concept of balance in equations ($7 + 3 = 3 + x$).										
GRADE 6										
Analyzes the use of variables to represent quantities (area of a rectangle: $A = lw$).										
Explains that equations are symbolic representations of relationships, patterns, and functions.										

