

**Smiles Are Free Enrichment Center**

**Connecting Students Through Technology**

A Federally Approved Supplementary Educational Services (SES Provider)



## SMILES ARE FREE ENRICHMENT CENTER

# ACHIEVEMENT GOALS:

GRADE 8

NAME: \_\_\_\_\_

Month: \_\_\_\_\_

### MATH

#### ASSESSMENT ANCHORS

Locate points or describe relationships using the coordinate plane.  
Demonstrate an understanding of patterns, relations and functions.  
Represent and/or analyze mathematical situations using numbers,  
symbols, words, tables and/or graphs.

Assessment Criteria

McDougal Littell

Completion Date

6/30/2010

# SMILES ARE FREE ENRICHMENT CENTER

## Progress Report

## Grade 8

Name: \_\_\_\_\_

Month: \_\_\_\_\_

### Math

#### ASSESSMENT ANCHOR

Locate points or describe relationships using the coordinate plane.

#### ELIGIBLE CONTENT

Plot, locate or identify ordered pairs on a coordinate plane (the point may be a vertex of a polygon).

#### ASSESSMENT ANCHOR

Demonstrate an understanding of patterns, relations and functions.

#### ELIGIBLE CONTENT

Continue a numeric or algebraic pattern (pattern must show 3 repetitions - may include up to 2 operations, squares and square roots).

Find missing elements in numeric or geometric patterns and/or functions (may be given a table or rule - pattern must show 3 repetitions).

Determine the rule of a function (given elements in an input-output table, chart or list - limit to linear functions).

#### ASSESSMENT ANCHOR

Represent and/or analyze mathematical situations using numbers, symbols, words, tables and/or graphs.

#### ELIGIBLE CONTENT

Solve one- or two-step equations and inequalities (should not include absolute values - one variable only).

Use substitution to check the accuracy of a given value for an equation or inequality (simple inequalities with one variable).

Determine the value of an algebraic expression by simplifying and/or substituting a number for the variable.

Match a written situation to its numeric and/or algebraic expression, equation or inequality (up to two variables in equations or expressions - one variable with inequalities).

Write and/or solve an equation for a given problem situation (one variable only).