

# **6<sup>th</sup> Grade Pacing Guide**

## **2010-2011**

### **1<sup>st</sup> Marking Period**

- **September 4-Sights #1**
- **Milestone I assessment**

### **UNIT 1-approximately 16 days**

Lessons 1-1 through 1-7, 1-9, 1-10; 2-day review; 2-day test

Content/Skills-Intro to SRB; line plots; stem-and-leaf plots; mean, median, mode; Landmark Shark; broken-line graphs; bar graphs; percent circle/circle graphs; graphs with perimeter/area (review perimeter and area of rectangles and squares)

### **UNIT 2-approximately 18 days**

Lessons 2-1 through 2-8, 2-10; 3-day review; 2-day test

Content/Skills-reading and writing small and large decimal numbers (review); addition, subtraction, multiplication (traditional and lattice), and division of decimals (traditional column division); exponential notation

### **UNIT 3-approximately 12 days**

Lessons 3-1 through 3-6, 3-10; 2-day review; 2-day test

Content/Skills-general patterns; special cases; introduction of variables; algebraic expressions/word translations; "What's my Rule?"/function tables; read, complete, and create data tables and line graphs;

### **2<sup>nd</sup> Marking Period**

- **December/January 4-Sights #2**
- **Milestone II assessment**

## **UNIT 4-approximately 20 days**

Lessons 4-1 through 4-9, 4-11; 3-day review; 2-day test

Content/Skills-Greatest Common factor; Least Common Multiple equivalent fractions; comparing/ordering fractions; addition, subtraction, and multiplication of fractions and mixed numbers; fraction/decimal/percent conversions; percent of a number

\*\*\*Many of the Unit 4 skills will need to be supplemented with additional resources and practice problems.

## **UNIT 5-approximately 15 days**

Lessons 5-1, 5-2, 5-4, 5-6, 5-9, 5-10; Glencoe Lesson 7-8; 2-day review; 2-day test

Content/Skills-measuring and drawing angles; coordinate geometry; similar/congruent figures; parallel lines; angle relationships; calculate the missing angle; angles in parallelograms, triangles, and quadrangles; elapsed time

\*\*\*Many of the Unit 5 skills will need to be supplemented with additional resources and practice problems.

## **3rd Marking Period**

- **February/March 4-Sights #3**
- **PSSA Testing**

## **UNIT 6-approximately 20 days**

Lessons 6-2, 6-3, 6-4, 6-6, 6-7, 6-8, 6-11, 6-12/Glencoe 13-6; 2-day review; 2-day test

Content/Skills-division of fractions and mixed numbers; addition, subtraction, multiplication, and division of integers; order of operations; algebraic expressions/word translations; solving 1-step and 2-step algebraic equations; solve and graph 1-step inequalities

\*\*\*May need to supplement algebraic equations and inequalities

### **UNIT 7 & 8-approximately 18 days**

Lessons 7-1, 7-4, 7-5, 7-6, 8-1, 8-2, 8-3, 8-6, 8-7, 9-2; 2-day review; 2-day test

Content/Skills-simple/independent probabilities; tree diagrams; Venn diagrams; ratios; rates; unit rate; proportions; 2-D/3-D figures; review of lines, points, planes; distributive property; review of associative and commutative properties

### **4th Marking Period**

- **Milestone III assessment**
- **May 4-Sight #4**

### **UNIT 9-approximately 15 days**

Lessons-Glencoe 4-9, 11-1, 11-2, 11-3, 11-5, 11-6; 2-day review; 2-day test

Content/Skills-circumference and area of circles; area of parallelograms and triangles; Surface Area and Volume of rectangular prisms; area of multi-sided figures

## **UNIT 10-approximately 18 days**

Lessons-Glencoe 13-4, 13-5; supplement with resources; 2-day review; 2-day test

Content/Skills-review 2-step algebraic equations; combining like terms; solve distributive property with variables; function tables

## **UNIT 11-approximately 5-7 days (if time allows)**

Lessons-Glencoe 3-7, 3-8, 5-6, 6-5, 8-8; 1-day review; 1-day mini-test

Content/Skills-metric & standard measurement; metric & standard conversions; capacity, mass, length