

**5th Grade Math & Reading Instructional Calendar
2009 - 2010**

The purpose of this instructional calendar is to focus instruction and help students achieve mastery on a limited number of critical concepts. The following concepts are only a portion of the total curriculum. Many skills are on-going and will be included in instruction before and after the target period. Adjustments to the calendar may be made to meet student needs.

1st Semester

Date	Math Concepts	Reading Concepts
Aug 31 – Sept. 4	Instantly recall basic multiplication and division facts through 12 w/ 90% mastery of 100 facts in 4 minutes <u>Assessment #1</u>	Word identification and word analysis root words: word or part of word that is used as a base for other words, base word can stand alone <u>Assessment #1</u>
Sept. 8 – Sept. 11 <i>Labor Day Sept. 7</i>	Place value: Order & compare decimals through thousandths <u>Assessment #2</u>	Word identification and word analysis Prefix / Suffix
September 14-18		anti/extra/inter/mid/semi/sub/ and forms of /tion/ and /ous; ist <u>Assessment #2</u>
September 21-25	Add and subtract decimals through thousandths using both horizontal and vertical format <u>Assessment #3</u>	Word identification and word analysis Antonyms/ Synonyms. <u>Assessment #3</u>
September 28 – 30 <i>(Oct. 1 – 2 In-service)</i>		
Oct. 5 - Oct. 9		
October 12 -16	Multiply & Divide whole numbers using both horizontal and vertical format <u>Assessment #4</u>	Word identification and word analysis Multiple meaning words/Homonyms <u>Assessment #4</u>
October 19-23		
October 26 -30 <i>early release Oct. 30</i>	Instantly recall basic multiplication and division facts through 12 w/ 90% mastery of 100 facts in 4 minutes <u>Repeat Assessment #1</u>	Recognize transition words for story sequencing along with varied and interesting sentence beginnings (Team time for this focus: DWA prep <u>Assessment #5 DWA</u>
November 2 - 4 <i>(Conferences Nov 5 -6)</i>	Identify and convert commonly used standard units of length <u>Assessment #5A</u>	Using context clues to define word meaning in a sentence <u>Assessment #6</u>
November 9 -13		
November 16-20	Identify and convert commonly used metric units of length <u>Assessment #5B</u>	Review of Reading Concepts #1-6
November 23-25 <i>Early Release – 25</i> <i>Thanksgiving 26 – 27</i>		
Nov 30- Dec 4	Calculate perimeter, area of polygons <u>Assessment #6</u>	Following multi-step written directions i.e.: Recipes / directions with multiple variables / game instructions / travel <u>Assessment #7</u>
December 7-9		
December 14-18 <i>Early Release Dec 18</i> <i>Christmas 12/21-1/1</i>		
January 4 - 8		
January 11- 15	Estimate by rounding to the greatest place: Addition and Subtraction of decimals and money through thousandths, using the multi-step problem solving process (explore, plan, solve, examine) <u>Assessment #7</u>	Apply the following skills to non-fiction materials: Recognizing relevant details and facts <u>Assessment #8</u>
January 18-22	Compute the mean, median, mode and range of a set of numbers <u>Continue Next Semester</u>	Apply the following skills to non-fiction materials: Main Idea <u>Continue Next Semester</u>

2nd Semester

Date	Math Concepts	Reading Concepts
January 26 - 29 (Inservice Jan. 25)	Compute the mean, median, mode and range of a set of numbers <u>Assessment #8</u> <u>Repeat Assessment #1</u>	Apply the following skills to non-fiction materials: Main Idea <u>Assessment #9</u>
February 1-5 February 8-12	Least Common Multiples and Greatest Common Factor (GCF) of up to 3 numbers <u>Assessment #9A and 9B</u>	Apply the following skills to non-fiction materials: inference and drawing conclusions (include author's purpose) <u>Assessment #10</u>
February 16-19 <i>Presidents' Day 2/15</i> February 22-26		Apply the following skills to non-fiction materials: Cause and Effect (Integrate with the social studies practice pages from each chapter.) <u>Assessment #11</u>
March 1-4 March 8-12	Equivalent fractions and simplifying fractions to lowest terms <u>Assessment #10A and 10B</u> Add and subtract fractions <u>Assessment #11</u>	Determine and use best source of information i.e.: dictionaries, thesaurus, table of contents, glossary, using guide words, index, bibliography, catalog. (Integrate with the social studies skills practice pages from each chapter.) <u>Assessment #12</u>
March 15-19	Instantly recall basic multiplication and division facts through 12 w/ 90% mastery of 100 facts in 4 minutes <u>Assessment #1</u>	Compare and contrast elements from a factual paragraph (Suggest use of graphic organizer)
March 22 -26 <i>Early Release Mar. 26</i> <i>Spring Break Mar 29- April 2</i>	Multiply and Divide Decimals <u>Assessment #12</u>	<u>Assessment #13</u>
April 5-9	<u>Repeat Assessment #1</u>	Review Reading Concepts for Spring ISAT's
April 12-16	Multiply and Divide fractions (answers must be in simplest form) <u>Assessment #13</u>	
April 19-23		
April 26-30 May 3-7	Collect and organize data in charts, graphs, and tables. Analyze and draw conclusions <u>Assessment #14</u>	Apply the following skills to non-fiction materials: summarizing <u>Assessment #14</u>
May 10-14	Probability: predict, analyze, record probability ratios (simplify when appropriate) <u>Assessment #15</u>	Apply skills to a variety of non-fiction texts i.e.: newspapers, internet, textbooks, magazines, encyclopedia, etc.
May 17-21	Instantly recall basic multiplication and division facts through 12 w/ 90% mastery of 100 facts in 4 minutes <u>Assessment #1</u>	
May 24-28 (<i>Memorial Day – 31</i>)	Add and subtract intervals of time <u>Assessment #16</u>	
May 31-June 4 (<i>Early Release – 6/4</i>)	<u>Repeat Assessment #1</u>	

****Fluency practice should be continuous throughout the school year with a minimum goal of 145 wpm.**