APPENDIX 14: POWER STANDARDS

The following are ranked Power Standards according to their instructional necessity at Whittier K-8:

3rd Grade/Reading
1. 1.b Summarize text passages
2. 1.c Identify main idea, and information to support particular text
3. 1.d Draw inferences using context clues
4. 1.g Use word recognition skills and resources (for example, phonics, context clues, picture clues, reference guides, roots, prefixes, and suffixes of words) for comprehension

3rd Grade/Writing
1. 1.b Students write and speak for a variety of purposes and audiences.
2. 1.c Use appropriate choice words to communicate clearly
3. 1.d Use correct grammar
4. 1.g Capitalization at the beginning of sentences, for proper nouns, and for the Pronoun "I"

3rd Grade/Math
1. 6.4 Demonstrate three basic operations of whole numbers
2. 5.3 Measure the length of objects including the sides of rectangles and squares to the nearest inch and centimeter
3. 3.2b Use various displays of data, interpret and draw conclusions
4. 6.1 Using pictures, diagrams, numbers or words, demonstrate addition and subtraction of 2 digit whole numbers

4th Grade/Reading
1. 1.d Draw inferences using context clues
2. 4.d Make predictions and draw conclusions about stories
3. 1.c Identify main idea, and information to support particular text
4. 1.g Use word recognition skills and resources (for example, phonics, context clues, picture clues, reference guides, roots, prefixes, and suffixes of words) for comprehension

4th Grade/Writing
1. 1.b Students write and speak for a variety of purposes and audiences
2. 1.c Use appropriate choice words to communicate clearly
3. 1.d Use correct grammar
4. 1.g Capitalization at the beginning of sentences, for proper nouns, and for the Pronoun "I"

4th Grade/Math

1. 6.4 Demonstrate three basic operations of whole numbers
2. 5.3 Measure the length of objects including the sides of rectangles and squares to the nearest inch and centimeter
3. 3.2b Use various displays of data, interpret and draw conclusions
4. 6.1 Using pictures, diagrams, numbers or words, demonstrate addition and subtraction of whole numbers with 2 digit numbers.

5th Grade/Reading
1. 6.b Identify characters, setting, problem/conflict, action/plot/events, resolution, theme and sequence in literature
2. 4.a Determine author's purpose
3. 4.d Make predictions and draw conclusions from text in various genre
4. 1.g Identify the meaning of unfamiliar words in context using word recognition skills and context clues
5. 5.a Use organizational features of printed text to locate information

5th Grade/Writing
1. 2. Students write and speak for a variety of purposes and audiences
2. 2.a Write in a variety of modes such as narrative, expository, or descriptive for various audiences and purposes
3. 3.c Write in complete sentences
4. 3.b Use correct subject/verb agreements, nouns, verbs, pronouns, and adjectives
5. 3.d Use conventions correctly

5th Grade/Math
1. 6.2 Demonstrate proficiency of addition, subtraction, multiplication and division of whole numbers in problem solving-solutions
2. 3.1b Organize, construct and interpret displays of data including tables, charts, pictographs, line plots, bar graphs, and line graphs
3. 2.2a Solve problems by representing and analyzing patterns using words, tables, and graphs
4. 2.5a Use tables, charts, concrete objects, or pictures to solve problems involving linear relationships and whole numbers.
5. 2.1a Represent, describe, and analyze geometric and numeric patterns (whole numbers)

6th Grade/Reading
1. 5.a Use organizational features of printed text to locate information
2. 6.b Identify characters, setting, problem/conflict, action/plot/events, resolution, theme and sequence in literature
3. 1.g Identify the meaning of unfamiliar words in context using word recognition skills and context clues.

4. 1.c Locate and paraphrase the key/main ideas and supporting details in fiction and nonfiction

6th Grade/Writing

1. 2.   Write and speak for a variety of purposes and audiences
2. 2.a Write in a variety of modes such as narrative, expository or descriptive for various audiences and purposes
3. 3.c Write in complete sentences
4. 3.b Use correct subject/verb agreements, nouns, verbs, pronouns, and adjectives.
5. 3.d Use conventions correctly

6th Grade/Math

1. 6.4a Apply appropriate computation methods to solve problems involving whole numbers, common fractions, and decimals
2. 1.4a Demonstrate equivalence relationships among fractions, decimals and percents on problem solving situations
3. 2.3a Predict and describe how a change in one quantity results in a change in another
4. 2.1a Represent, describe and analyze geometric and numeric patterns (whole numbers)
5. 3.1a Organize and construct a line graph, bar graph, and frequency table from a given set of data
6. 1.1b Using physical materials or pictures to demonstrate the meaning and equivalence of commonly-used fractions and/or percents

7th Grade/Reading

1. 4.a Recognize an author's or speaker's point of view and purpose
2. 4.d Make predictions, draw conclusions, and analyze what they read, hear, and view
3. 1.i Identify the meaning of unfamiliar words in context using word recognition skills and context clues
4. 1.f Find support in text for main ideas
5. 6.c Apply knowledge of literacy techniques

7th Grade/Writing

1. 2.   Write and speak for a variety of purposes and audiences
2. 2.a Write in a variety of modes such as personal narratives, informational brochures, essays stories, and letters for specific purposes
3. 3.c Write in complete sentences
4. 3. b Use standard English usage in writing, including subject/verb agreements, nouns, verbs, pronouns, and adjectives
5. 3.f   Punctuate correctly

7th Grade/Math

1. **6.4a** Apply appropriate computation methods to solve problems involving whole numbers, common fractions, and decimals
2. **6.2** Add, subtract, multiply, and divide positive rational numbers or integers
3. **4.4a** Construct a coordinate graph and plot ordered integer pairs in all four quadrants
4. **2.2** Solve problems by representing and analyzing patterns involving positive rational numbers or integers using tables, graphs and or rules
5. **4.3a** Identify and compare similar shapes using ratio, proportion, or scale factor
6. **2.1a** Represent, describe and analyze numeric or geometric patterns involving common positive rational numbers or integers using tables, graphs, or rules
7. **3.1a** Construct a histogram or stem and leaf from a set of given data

8th Grade/Reading

1. **6.c** Apply knowledge of literacy techniques
2. **4.d** Make predictions, draw conclusions, and analyze what they read, hear, and view
3. **1.g** Identify the meaning of unfamiliar words in context using word recognition skills and context clues.
4. **5.c** Summarize and organize information about a topic in a variety of ways
5. **5.a** Use organizational features of printed text

8th Grade/Writing

1. **2.** Students write and speak for a variety of purposes and audiences
2. **2.a** Write in a variety of modes such as personal narratives, informational brochures, essays, stories, and letters for specific purposes
3. **3.c** Write in complete sentences
4. **3. b** Use standard English usage in writing, including pronoun/antecedent agreement, subject/verb agreement, regular/irregular verbs, and modifiers
5. **3.f** Use conventions correctly

8th Grade/Math

1. **6.2a** Apply order of operations to evaluate simple expressions with integers
2. **2.1b** Convert from one functional representation to another
3. **4.4a** Construct a coordinate graph and plot ordered integer pairs in all four quadrants
4. **1.4a** Use the relationships among fractions, decimals, and percents including concepts of ratio and proportion in problem solving
5. **2.1a** Represent, describe and analyze numeric or geometric patterns involving common positive rational numbers or integers using tables, graphs, or rules
6. **2.1b** Convert from one functional representation to another
7. **3.2a** Display and use measures of central tendency

*Power Standards will be modified Based on New Standards and assessment criteria

Based on student achievement data from 2005-2009 at Whittier K-8 we have identified the following strategies from the book <u>Classroom Instruction that Works</u> that have substantially

increased student achievement: 1. Identifying similarities and differences, 2. Summarizing, note taking, and other structured responses that pertain to state standards such as: author's purpose, paraphrasing, prediction and inference, 3. Homework and Practice, and 4. Setting objectives and providing Feedback.   These strategies will be the primary focus since they have significantly improved student achievement at Whittier