MATHEMATICS

By the end of Trimester 3, your child should:

Operations and Algebraic Thinking

- Know from memory all multiplication and division facts for numbers 0 - 10.
- Write and interpret numerical expressions.
- Use parenthesis, brackets or braces in numeric expressions.

Number and Operations in Base Ten

- Know all whole number place values and be able to round numbers to any whole number place value.
- Read, write and compare (>, < and =) decimal numbers to the thousandths place.
- Multiply any combination of multi-digit whole numbers.
- Divide four-digit whole numbers by two-digit whole numbers.
- Add, subtract, multiply and divide numbers that include decimals to the hundredths place.

Number and Operations – Fractions

- Add and subtract fractions with unlike denominators by converting them to equivalent fractions with like denominators.
- Solve word problems involving the addition and subtraction of fractions.
- Understand fractions as simple whole-number division problems; solve whole-number division problems that lead to answers in the form of fractions and/or mixed numbers.
- Multiply fractions by whole numbers and/or fractions.
- Solve word problems involving the multiplication of fractions.
- Divide fractions by whole numbers and whole numbers by fractions.

Measurement and Data

- Convert among different-sized units within a given measurement system, and use these conversions to solve multi-step word problems.
- Organize, draw and interpret data, including measurements in fractions, using line plot graphs.
- Solve word problems using information presented in line plot graphs.

MATHEMATICS (continued)

Measurement and Data (continued)

- Recognize volume as an attribute of solid figures and calculate volumes by counting unit cubes as well as by using volume formulas.

Geometry

- Use a pair of perpendicular numbered, axis lines to define a coordinate system, and understand that numbers on these axis lines indicate how far a point is from the "origin" where the two axis lines meet.
- Graph points in the first quadrant of the coordinate plane.

You can help you child develop in mathematics by continuing to review and reinforce fluency with multiplication and division fact families. You can help your child develop decimal number sense by allowing him/her to participate in real monetary transactions, seeing how dollars and cents are added, subtracted, multiplied and divided (for example, by having him/her help estimate the cost of a trip to the grocery store). Finally, as your child does his or her math homework each night, ask him/her to explain to you what he or she is doing and what strategies he or she is using to solve each problem.

Lennox School District
Instructional Services
10319 Firmona Avenue
Lennox, CA 90304

(310) 695-4000

LENNOX SCHOOL DISTRICT

Grade 5

Trimester 3

Parent Guide to Standards-Based Learning

This guide provides a list of specific, standards-based academic goals for your child for the third trimester of 5th Grade. It outlines what your child should know and be able to do by the end of Trimester 3 in English Language Arts and Mathematics in order to meet the end-of-the-year expectations identified in the *California State Standards* for Grade 5.

These expectations are rigorous and reflect the knowledge and skills required to prepare students for future achievement, both in and out of school. Use this guide as a point of reference when reflecting on your student's Trimester 3 report card, and as we work together to make this year and every year a success for your child.

ENGLISH LANGUAGE ARTS

Reading

By the end of Trimester 3, your child should:

Fluency/Foundational Skills

- Apply phonics and word analysis skills in decoding words.
- Read end-of-grade-level texts orally with accuracy, fluency and understanding.

Literature and Informational Texts

- Quote accurately from a story or informational text when answering questions and justifying inferences.
- Determine the theme or central message of a story or poem and the main idea or ideas of an informational text.
- Summarize a story or informational text.
- Compare and contrast characters, settings and events in a story, drawing on specific details in the text.
- Compare and contrast two stories in the same genre on their approaches to similar themes.
- Explain the relationship between ideas, procedures and/or events in an informational text based on specific details in the text.
- Compare and contrast the overall structures of two informational texts.
- Integrate information from two or more print and/or digital sources on the same topic to speak or write about a topic.

You can help your child develop in reading by making sure he or she reads quietly every evening for at least 30 minutes. You can help develop comprehension skills by asking questions about what he or she reads and asking him/her to show you where in the text the answers come from, and by discussing the stories and articles he or she reads.

ENGLISH LANGUAGE ARTS

Writing

By the end of Trimester 3, your child should:

- Write multi-paragraph narratives using dialogue, descriptive details, transition words to show the order of events, and a conclusion that provides closure.
- Write multi-paragraph informative texts that introduce a topic, develop the topic with relevant facts, and include a conclusion.
- Write multi-paragraph opinion texts that introduce a topic, state an opinion, provide reasons that support the opinion, and include a conclusion.
- Draw evidence from literary and informational texts to support reflection, analysis and opinion.
- With support, edit and revise his or her own writing to make it better.

You can help your child develop in writing by having him/her keep a journal. Every day, ask your child to write for a few minutes in a special journal or notebook. He or she can write about his/her day, his/her plans for the future, or even write creative stories or poems.

Language (*Grammar* and *Conventions*)

By the end of Trimester 3, your child should:

- Always begin sentences with capital letters and end sentences with punctuation marks.
- Capitalize correctly and consistently.
- Recognize and correct inappropriate shifts in verb tense.
- Use coordinating, subordinating and correlative conjunctions correctly.
- Use commas, apostrophes, quotation marks and other punctuation marks correctly.
- Write, expand and rearrange complete sentences (simple, compound and complex) and avoid fragments and run-ons.
- Use context clues to determine the meaning of unknown words.

ENGLISH LANGUAGE ARTS

Speaking and Listening

By the end of Trimester 3, your child should:

- Come to discussions prepared, having read or done required activities prior to the discussion.
- Participate in collaborative conversations with the teacher and other students about stories, texts and other topics.
- Take turns when speaking and listening, and build on the comments of others.
- Ask and answer questions about a topic being discussed or a text read out loud.
- Summarize claims made by a speaker and explain how each claim is (or isn't) supported by logic or evidence.
- Summarize written text read aloud or information presented orally, visually or quantitatively in the media.
- Plan, prepare and present short informative and opinion presentations that include an introduction, details and/or support for opinions, and a conclusion.
- Memorize and recite a poem or historical speech with appropriate pacing and expression.
- Speak loudly enough and clearly enough to be heard and understood by others.

You can help your child develop speaking and listening skills by having conversations with him/her. Take turns talking to your child and then listening to him/her. Ask him/her questions and give him/her time to respond, and then help him/her to ask you questions. You can also practice having your child follow multi-step directions, but have him/her repeat the steps back to you before beginning the task to make sure he or she understands all the steps. Always encourage your child to speak slowly, clearly, in a moderately loud voice, and to use complete sentences when he or she speaks.