MATHEMATICS

By the end of Trimester 3, your child should:

Operations and Algebraic Thinking

- Memorize all multiplication facts from 0 - 10.
- Understand division as an unknown-factor problem (ex: 32 ÷ 4 = and 4 x = 32).
- Use a variety of strategies to solve one- and two-step multiplication and division word problems within 100, and explain what strategies he or she used and why.

Number and Operations in Base Ten

- Know place values to four digits (ones, tens, hundreds and thousands).
- Compare four-digit numbers using the words "greater than," "less than" and "equal to," and the symbols >, < and =.
- Round numbers to the nearest 10 and 100.
- Add and subtract within 1,000.
- Multiply one-digit numbers by 10.

Number and Operations – Fractions

- Understand a fraction 1/*b* as the quantity formed by 1 part of a whole cut into *b* equal parts.
- Explain the equivalence of fractions and compare fractions based on their sizes.
- Recognize common equivalent fractions.

Measurement and Data

- Solve word problems involving the addition and subtraction of time in hours and minutes.
- Estimate and measure precisely liquid volumes and the masses of objects using milliliters, liters, grams and kilograms.
- Solve word problems involving the addition and subtraction of volumes and masses.
- Organize, draw and interpret data in multiple categories using picture graphs and scaled bar graphs.
- Solve word problems using information presented in scaled bar graphs.
- Recognize area as an attribute of plane figures and calculate areas by counting unit squares and by multiplying side lengths.
- Recognize perimeter as an attribute of plane figures and calculate perimeters by adding side lengths.

MATHEMATICS (continued)

Geometry

- Understand that different shapes (e.g., squares, rhombuses, rectangles, etc.) may share attributes (e.g., four sides) and may belong to a larger category (e.g., quadrilaterals).
- Divide shapes into equal pieces and express the area of each piece as a fraction of the whole.

You can help you child develop in mathematics by continuing to review addition and subtraction facts with him/her daily to build fluency, and by beginning to review multiplication and division fact families. You can practice multiplication by skip counting by 2s, 3s, 4s, 5s and 10s aloud together and also by counting coins – pennies = 1¢, nickels = 5¢, and dimes = 10¢ – and dollar bills (100¢). 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.

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LENNOX SCHOOL DISTRICT

Grade 3

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 3rd 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 3.

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.
- Decode multi-syllable words, including words with common prefixes and suffixes.
- Read end-of-grade-level texts orally with accuracy, fluency and understanding.

Literature and Informational Texts

- Ask questions about a story or informational text, and answer questions by referencing the text.
- Identify the central message or moral of a story.
- Describe characters in a story and how their actions contribute to the plot.
- Compare and contrast the themes, settings and plots of two similar stories.
- Distinguish his or her point of view from that of characters in a story, the narrator and/or the author.
- Identify the main topic of an informational text and explain how details support that topic.
- Describe the relationship between concepts or events in an informational text.
- Compare and contrast information presented in two texts on the same topic.

You can help your child develop in reading by reading to him/her often and by making sure he or she reads quietly every evening for at least 20 minutes. You can help develop comprehension skills by asking questions about what he or she reads ("Who?" "What?" "When?" "Where?" and "Why?") 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 narratives using descriptive details, transition words to show the order of events, and a conclusion that provides closure.
- Write informative texts that introduce a topic, develop the topic with relevant facts, and include a conclusion.
- Write opinion texts that introduce a topic, state an opinion, provide reasons that support the opinion, and include a conclusion.
- 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 proper nouns, the pronoun "I," and appropriate words in titles.
- Use punctuation marks like commas and apostrophes correctly and use quotation marks in dialogue.
- Correctly form and use irregular plural nouns and irregular verbs.
- Write complete, expand and rearrange sentences (simple and compound) with subjects and predicates that demonstrate subject-verb and pronoun-antecedent agreement.
- 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 the main idea and key details of a text read aloud or information presented orally.
- Plan, prepare and present short narrative presentations recounting a series of events.
- Plan, prepare and present short informative presentations on a topic.
- 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 like "Who?" "What?" "When?" "Where?" and "Why?" You can also practice having your child follow three- and four-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.