



Montezuma Community Schools

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Montezuma Community Schools Everyday Math One Page Reference Sheet

Montezuma Elementary School has adopted the Everyday Math curriculum supports beginning in the 2016-2017 school year. Over the course of the school year we will provide learning opportunities to provide parents with an understanding of the content and purpose of the math series. At this time we would like to share this one-page fact sheet to provide a second view of Everyday Math version 4.

Everyday Math Version 4 Facts:

- Everyday Math is a research-based program created around Grade-Level Goals, Program Goals, and Content Standards.
- Everyday Math is a spiraled curriculum. In a spiraled curriculum the learning is spread out over time rather than being concentrated in shorter periods. The material is revisited over months and across grades. Montezuma's past math curriculum was a blocked program, which provided instruction within a chapter and did not spread opportunities for learning across the full school year.
- Everyday Math emphasizes:
 - A use of concrete, real-life examples.
 - Repeated exposures to mathematical concepts and skills to develop a child's ability to recall knowledge from long-term memory.
 - Frequent practice of basic computation skills to build mastery of procedures and quick recall of facts.
 - Use of multiple methods and problem-solving strategies to promote proficiency and accommodate different learning styles.
- Assessments:
 - The odd chapters provide opportunities to learning assess within the individual unit and also by asking open response questions for the unit.
 - The even chapters provide an opportunity to not only assess the materials within the unit, but also cumulative skills from previous units.
- EM4 focuses on the foundational components of each skill and requires each student to learn and explain how and why the skills work in addition to completing the algorithm.
- Collaboration between students is encouraged. EM4 requires students to discuss, explain, and problem-solve together.
- Writing is an important way to communicate your overall understanding of the content. EM4 asks students to share the reasons as to why they chose a specific answer.

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