

## MODESTO CITY SCHOOLS COURSE OUTLINE

<b>Course Title</b>	Mathematics – Gr 4 OLL
<b>Course Number</b>	OLL (S1) OLL (S2)
<b>Recommended Grade</b>	<input type="checkbox"/> K <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6
<b>Duration</b>	<input type="checkbox"/> Quarter <input checked="" type="checkbox"/> Semester
<b>Credit</b>	<input type="checkbox"/> 2.5 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> 10
<b>Repeatable for Credit</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Required for Graduation</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Meets Graduation Requirement</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>CALPADS Course Number</b>	9240
<b>CALPADS Course Name</b>	Math (Departmentalized K-8)
<b>Meets UC/CSU Requirements</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, which area? <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/> F <input type="checkbox"/> G N/A
<b>CTE Course</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>CTE Course Level</b>	<input type="checkbox"/> Introduction <input type="checkbox"/> Concentrator <input type="checkbox"/> Capstone N/A
<b>Part of a Course Pathway</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, which pathway?
<b>Credential Requirements</b>	
<b>Replaces</b>	N/A
<b>Recommended Prerequisites</b>	
<b>Aligned to Standards Date</b>	
<b>Content Delivery Method</b>	<input type="checkbox"/> Instructor Led <input checked="" type="checkbox"/> Online Provider Modesto Virtual Academy
<b>Other Information</b>	
<b>Board Approval Date</b>	
<b>Implementation Date</b>	Fall 2020

**Course Description:**

**Required Text(s):** (Title, Publisher, Year):

**Supplementary Materials(s):**



**Course Name:** Elementary Math Grade 4 v17

**Course Credit:** 1.0

**Course Estimated Completion Time:** 36 weeks

**Course Description:** The FLVS Elementary math courses inspire students to become critical thinkers and problem solvers. The learners use math as a tool to make sense of and understand the world around them. The courses include media that uses sight and sound to engage students. For example, rhymes, chants, songs, and videos help teach and practice foundational math skills. The focuses of the K-2 math courses are building a strong number sense, addition and subtraction within 20, place value, measurement, and shapes. The focuses of the 3-5 math courses are multiplication and division within 100, fractions, decimals, shapes, area, and volume. Students explore content prior to being explicitly taught and hands-on activities help strengthen the learners' algebraic and critical thinking skills. Digital and concrete manipulatives help support mathematical proficiency in all grades. The learners are provided with many practice opportunities that involve both on-screen and off-screen activities.

**Prerequisites:**

**Honors Lessons:** No

**Course Profile (Includes Honors, if applicable)**

Type of Assessment	Quantity	Location(s)
Teacher-graded	52	1: 3, 6 2: 2, 4, 5 3: 2, 4, 5 4: 3, 4, 6, 7 5: 2, 5, 8 6: 3, 4, 7 7: 1, 3 8: 1, 4, 6 9: 1, 5, 6, 7, 8 10: 1, 2, 5, 8 11: 2, 3, 5, 6 12: 1, 5, 6 13: 1, 3, 6, 8, 9, 10 14: 4 15: 1, 3, 5 16: 1, 5, 6
Auto-graded	53	1: 0, 1, 2, 4, 5, 7 2: 0, 1, 3 3: 0, 1, 3, 6 4: 0, 1, 2, 5, 8 5: 0, 6, 7, 9 6: 0, 5, 8 7: 0, 4 8: 0, 2, 7 9: 0 10: 0, 9 11: 0, 1, 4 12: 0, 2, 4, 7 13: 0, 3, 4, 5, 7 14: 0, 5 15: 0, 6 16: 0, 2, 4, 7
Partial Auto-graded	23	5: 1, 3, 4 6: 1, 2, 6 7: 2 8: 3, 5 9: 2, 3, 4 10: 3, 4, 6, 7 12: 3 14: 1, 2, 3 15: 2, 4 16: 3
Discussion-Based (DBA)	8	02.04, 04.07, 06.07, 08.08, 10.08, 12.06, 14.04, 16.06
Collaboration	4	
Project-based	4	02.05, 09.08, 11.06, 13.10
<b>Total Assessments</b>	<b>128</b>	

**Types of Assessments (Includes Honors, if applicable)**

Type of Assessment	Available	Type of Assessment	Available
Multiple Choice	Yes	Essay	No
Worksheets	Yes	Collaborative	No

Web 2.0	No	Short Response	Yes
Project - Based	Yes	Labs	No
Self - Check	No	DBAs	Yes

## **Scope and Sequence**

Module One: Generalize Place Value Understanding

Module Two: Represent and Interpret Data on Line Plots

Module Three: Fluently Add and Subtract Multi-Digit Whole Numbers

Module Four: Use Strategies and Properties to Multiply by One-Digit Numbers

Module Five: Use Strategies and Properties to Multiply by Two-Digit Numbers

Module Six: Use strategies and Properties to Divide by One-Digit Numbers

Module Seven: Use Operation with Whole Numbers to Solve Problems

Module Eight: Factors and Multiples

Module Nine: Fraction Equivalents and Comparing

Module Ten: Understanding Addition and Subtraction of Fractions

Module Eleven: Extend Multiplication Concepts to Fractions

Module Twelve: Understand and Compare Decimals

Module Thirteen: Measurement: Find Equivalence in Units of Measure

Module Fourteen: Algebra: Generate and Analyze Patterns

Module Fifteen: Geometric Measurement: Angles and Angle Measurement

Module Sixteen: Lines, Angles, and Shapes