

MODESTO CITY SCHOOLS COURSE OUTLINE

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

Course Description:

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

Supplementary Materials(s):



Course Name: Elementary Math Grade 5 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	55	1: 6 2: 1, 2, 6 3: 6, 7 4: 3, 5, 6, 8, 10 5: 3, 5, 7, 8 6: 1, 2, 4, 7 7: 5, 6, 8, 12 8: 1, 3, 6, 8 9: 2, 4, 5, 8 10: 4, 5, 6, 7 11: 6, 8 12: 1, 3, 4, 5 13: 2, 5 14: 2, 3, 4, 5 15: 2, 3, 4 16: 3, 4, 5
Auto-graded	78	1: 0,1,2,3,4,5,7 2: 0,3,4,5,7 3: 0,1,2,4,5,8 4: 0,1,2,4,6,9,11 5: 0,1,2,4,6,9 6: 0,5,6,8 7: 0,1,2,3,4,7,9,10,11,13 8: 0,5,9 9: 0,1,3,6,7,9 10: 0,1,2,3 11: 1,2,3,4,5,7,9 12: 0,2 13: 0,3,4,6 14: 0,1,2,3,4,5 15: 0,1,5 16: 0,1,2
Partial Auto-graded	6	03.01, 06.03, 08.02, 08.04, 08.07, 15.01
Discussion-Based (DBA)	8	02.06, 04.10, 06.07, 08.08, 10.06, 12.04, 14.04, 16.04
Collaboration	0	
Project-based	4	10.07, 12.05, 14.05, 16.05
Total Assessments	139	

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: Understand Place Value

Module Two: Add and Subtract Decimals to Hundredths

Module Three: Fluently Multiply Multi-Digit Whole Numbers

Module Four: Use Models and Strategies to Multiply Decimal Numbers

Module Five: Use Models and Strategies to Divide Whole Numbers

Module Six: Use Models and Strategies to Divide Decimal Numbers

Module Seven: Use Equivalent Fractions to Add and Subtract Fractions

Module Eight: Apply Understanding of Multiplication to Multiply Fractions

Module Nine: Apply Understanding of Division to Divide Fractions

Module Ten: Understanding Volume Concepts

Module Eleven: Convert Measurements

Module Twelve: Represent and Interpret Data

Module Thirteen: Write and Interpret Expressions

Module Fourteen: Graph Points on a Coordinate Plane

Module Fifteen: Algebra: Analyze Patterns and Relationships

Module Sixteen: Classify Two-Dimensional Figures