

## MODESTO CITY SCHOOLS COURSE OUTLINE

<b>Course Title</b>	Computer Science – Gr 5 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 type="checkbox"/> 4 <input checked="" 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>	9062
<b>CALPADS Course Name</b>	Computer Science
<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 Technology Grade 5 v17

**Course Credit:** 1.0

**Course Estimated Completion Time:** 36 weeks

**Course Description:** The FLVS Elementary Intro to Technology courses will enable students to develop basic skills in computer science through engaging and age-appropriate content. The courses will expose students, within developmentally appropriate stages, to concepts such as problem solving and algorithms, security/privacy/copyright, computer programming basics and keyboarding skills. Students will learn skills in online coding environments. In addition to the computer skills, the Technology suite integrates standards from Social Studies, Health and Language Arts with topics in each grade about safety and health (online and offline), bullying/cyberbullying and being a responsible citizen/digital citizen. Students will complete a research project using Microsoft Power Point and Excel Online. The research projects require students to evaluate reliable and relevant websites, organize research, receive and implement feedback and produce a final product.

**Prerequisites:**

**Honors Lessons:** No

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

Type of Assessment	Quantity	Location(s)
Teacher-graded	8	1.02, 2.03, 2.04, 3.01, 3.03, 4.01, 4.02, 4.06
Auto-graded	16	1.00, 1.01, 1.03, 1.05, 2.00, 2.01, 2.02, 2.06, 3.00, 3.02, 3.04, 4.00, 4.03, 4.04, 4.05, 4.07
Partial Auto-graded	0	
Discussion-Based (DBA)	4	1.04, 2.05, 3.05, 4.08
Collaboration	0	
Project-based	2	3.06, 4.09
<b>Total Assessments</b>	<b>24</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	No
Project - Based	Yes	Labs	No
Self - Check	No	DBAs	Yes

## Scope and Sequence

- Hardware, Computer software (OS), and Application software
- Communication
- Problem-solving
- Social media
- Digital citizenship
- Boolean operators and Boolean logic
- Reliable resources
- Keyboarding
- Social media
- Cyberbullying
- Research
- Informative and Narrative text
- Compare and contrast text features
- Plagiarism
- Note taking
- Paraphrasing and Citations
- Conditional statements, functions, events, loops, and iterations
- Debugging
- Fact and opinion
- Controlling idea
- First draft of writing
- Social Media
- Data
- Excel Online
- Pie Charts
- Word Online
- Scratch
- Block-based code
- Initial condition, functions, and events
- PowerPoint presentations
- Social media