

MODESTO CITY SCHOOLS COURSE OUTLINE

Course Title	Computer Science – K OLL
Course Number	OLL (S1) OLL (S2)
Recommended Grade	<input checked="" type="checkbox"/> K <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input 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	9062
CALPADS Course Name	Computer Science
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 Technology Grade K v17

Course Credit: 1

Course Estimated Completion Time: 36 weeks

Course Description: The FLVS Elementary Technology Kindergarten course will enable students to develop basic skills in computer science through engaging and age-appropriate content. The course will expose students to concepts such as problem solving and algorithms and computer basics skills. Students will learn block based coding in an offline environment. 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.

Prerequisites: None

Honors Lessons: No

Course Profile (Includes Honors, if applicable)

Type of Assessment	Quantity	Location(s)
Teacher-graded	8	1.02, 1.04, 2.01, 2.03, 3.02, 3.03, 4.02, 4.05
Auto-graded	17	1.00, 1.01, 1.03, 1.06, 2.00, 2.02, 2.04, 2.06, 3.00, 3.01, 3.04, 3.06, 4.00, 4.01, 4.03, 4.04, 4.07
Partial Auto-graded	0	
Discussion-Based (DBA)	4	1.05, 2.05, 3.05, 4.06
Collaboration	0	N/A
Project-based	1	3.06
Total Assessments	25	

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

- Communication, sharing information, and technologies that assist with this
- The concept of the internet
- The history of computers and other inventions such as the phone
- The different parts of a computer and devices such as a keyboard, mouse, speakers, microphone, headphones, and the ways we use these items
- Taking proper care of devices and safety considerations
- Technology allows us to complete tasks easier and faster
- How to create and revise digital artifacts
- Computers are used in workplaces to help do work
- What keywords are and how to use them in a search engine
- The parts of an email: greeting, body, and closing
- Understanding what private information is and how to keep that information safe
- Determine safe and unsafe communications and activities online
- Understand that bullying can take place offline and online
- Recognizing the importance of balancing time between on-screen and off-screen activities
- Understand what it means to be a good citizen online and offline
- Find problems and determine the steps to the best solution
- Explain what a simple task is and the importance of steps being detailed and in order
- Identify and create a simple algorithm without technology
- Define computer program and what it means when a program is running
- Understand what a computer programmer is and does