

MODESTO CITY SCHOOLS COURSE OUTLINE

Course Title	Science – 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	9320
CALPADS Course Name	Science (Departmentalized K-6)
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 Science Grade 5 v17

Course Credit: 1.0

Course Estimated Completion Time: 36 weeks

Course Description: The Elementary Science Grade 5 course will spark curiosity in students and build a solid foundation in concepts across many types of sciences including Earth Science, Life Science, and Physical Science. Students will engage in science and engineering practices by asking questions, defining problems, developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematics and informational technology, constructing explanations, designing solutions, engaging in scientific arguments using evidence, and communicating results. A framework of active student learning supports and allows students to engage, explore, explain, elaborate, and evaluate throughout all courses. This dynamic format will help students build their own understanding from experiences and new ideas in order to facilitate a better understanding of the world around them.

Prerequisites:

Honors Lessons:

Course Profile (Includes Honors, if applicable)

Type of Assessment	Quantity	Location(s)
Teacher-graded	36	1.02, 1.04, 1.06, 1.07, 2.01, 2.05, 3.03, 4.01, 4.03, 5.01, 5.03, 5.04, 5.06, 5.07, 6.02, 6.05, 6.07, 7.03, 7.08, 8.05, 8.06, 9.05, 9.06, 9.09, 10.04, 10.05, 11.03, 11.05, 12.03, 12.05, 12.07, 13.02, 13.04, 13.05, 13.06, 14.03
Auto-graded	62	1.00, 1.01, 1.03, 1.05, 1.08, 2.00, 2.02, 2.03, 2.04, 2.06, 3.00, 3.01, 3.02, 3.04, 4.00, 4.04, 5.00, 5.02, 5.08, 6.00, 6.01, 6.03, 6.04, 6.08, 7.00, 7.02, 7.04, 7.05, 7.06, 7.09, 8.00, 8.01, 8.02, 8.07, 9.00, 9.02, 9.04, 9.07, 9.08, 9.10, 10.00, 10.01, 10.02, 10.06, 11.00, 11.01, 11.04, 11.06, 12.00, 12.01, 12.06, 12.08, 13.00, 13.01, 13.07, 14.00, 14.01, 14.04 Grade 5 Science Touchpoint 1, Grade 5 Science Touchpoint 2, Grade 5 Science Touchpoint 3, Grade 5 Science Touchpoint 4
Partial Auto-graded	15	4.02, 5.05, 6.06, 7.01, 7.07, 8.03, 8.04, 9.01, 9.03, 10.03, 11.02, 12.02, 12.04, 13.03, 14.02
Discussion-Based (DBA)	9	2.05, 4.03, 5.07, 6.07, 7.08, 8.06, 10.05, 12.07, 14.03
Collaboration	0	
Project-based	0	
Total Assessments	113	

Types of Assessments (Includes Honors, if applicable)



Type of Assessment	Available	Type of Assessment	Available
Multiple Choice	Yes	Essay	
Worksheets	Yes	Collaborative	
Web 2.0		Short Response	Yes
Project - Based	Yes	Labs	Yes
Self - Check		DBAs	Yes

Scope and Sequence

- Properties of matter
- Mixtures
- Atoms
- Changes in matter
- Energy
- Force and motion
- Forms of energy
- Solar systems and galaxies
- Water cycle
- Weather
- Climate
- Adaptations
- Human body organs and functions
- Organism structure, function, and comparison