

MODESTO CITY SCHOOLS COURSE OUTLINE

Course Title	Comprehensive Science III JH OLL		
Course Number	OLL (S1)	OLL (S2)	
Recommended Grade	<input type="checkbox"/> 7 <input checked="" type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11 <input type="checkbox"/> 12		
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			
CALPADS Course Name			
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	N/A		
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: Middle School Comprehensive Science III v18 (GS)

Course Credit: 1.0

Course Estimated Completion Time: 28-32 weeks

Course Description: Prepare for high school science courses with this introduction of new topics and review of science basics. You will learn more about the nature of science, Earth and space science, properties of matter, changes in matter, matter and energy, and energy flow.

Prerequisites: MS Comprehensive Science II

Honors Lessons: Yes

Course Profile (Includes Honors, if applicable)

Type of Assessment	Quantity	Location(s)
Teacher-graded	13	01.05, 02.03, 02.04, 02.05, 03.04, 04.01, 04.05, 04.06, 05.05, 05.06, 05.07, 06.01, 06.04
Auto-graded	31	01.00, 01.01, 01.02, 01.04, 02.00, 02.01, 02.02, 03.00, 03.01, 03.03, 03.05, 03.06, 03.09 (4), 04.00, 04.02, 04.03, 04.04, 05.00, 05.01, 05.02, 05.04, 06.00, 06.02, 06.03, 06.07 (4)
Partial Auto-graded	15	01.03, 01.07 (2), 02.07 (2), 03.02, 03.08 (2), 04.08 (2), 05.03, 05.09 (2), 06.06 (2)
Discussion-Based (DBA)	6	01.06, 02.06, 03.07, 04.07, 05.08, 06.05
Collaboration	2	
Project-based	0	N/A
Total Assessments	59	

Types of Assessments (Includes Honors, if applicable)

Type of Assessment	Available	Type of Assessment	Available
Multiple Choice	Yes	Essay	No
Worksheets	No	Collaborative	Yes
Web 2.0	Yes	Short Response	Yes
Project - Based	No	Labs	Yes
Self - Check	Yes	DBAs	Yes

Scope and Sequence

SEGMENT 1

Module 01—Matter

- Examples and Nonexamples of science
- Pseudoscientific Ideas
- Steps of the Scientific Method
- Units of Measurements
- Weight Versus Mass
- Volume and Density
- Physical Properties of Matter

Module 02—Changes in Matter

- States of Matter
- Physical and Chemical Changes
- Conservation of Mass
- Thermal Energy and Chemical Change
- Scientific Models

Module 03—Elements and Compounds

- Atomic Theory
- The Periodic Table
- Valence Electrons
- Compounds
- Acids, Bases, and Salts
- Mixtures and Pure Substances
- Advanced Predicting Severe Weather

SEGMENT 2

Module 04—Cycles and Conservation

- Science and Society
- Photosynthesis
- Cellular Respiration
- The Carbon Cycle
- Scientific Modeling

Module 05—The Universe

- Space and the Universe
- Galaxies
- Stars

- Solar Properties
- Electromagnetic Spectrum
- Space Weather
- Space Technology

Module 06—Our Solar System

- Gravity
- Our Solar System
- Properties of Planets
- Seasons
- Tides
- Eclipses
- Moon Phases