

# OHHS Science Department Course Syllabus



**Course Name:** Conceptual Chemistry A

**Course Code:** SCO21A

**Course Description:** Conceptual Chemistry A focuses on what matter is, where it comes from, and how it is conserved.

## Course Resources

- Textbook: cK-12 OHHS Chemistry: Crebbin, Frostad, Neal, Sawhill, Thayer, Turner, 2017.
- Student responsibility: notebook of choice

## Course Fees

None.

## Course Outline/Instructional Units

Key Question: Where do all the different elements come from?

- Unit 1: Structure and Properties of Matter
- Unit 2: Nuclear Processes
- Unit 3: Life Cycle of Stars

Key Question: Why do we use gasoline for energy?

- Unit 1: Bonding
- Unit 2: Bond Energy
- Unit 3: Mass Conservation

## Major Assessments

- Each unit has daily assignments. These make up the “Daily Work” category which is worth 10% of the quarter grade.
- Each unit has “Summative Assessment” including a culminating task/project and test worth 90% of the quarter grade.

## OHHS Grading Scale

## Weighted Categories

Letter Grade	Percentage	Category	Percentage of overall grade
A	93% and above	Daily Work	10
A-	90% - 92%	Summative Assessment	90
B+	88% - 89%		
B	83% - 87%		
B-	80% - 82%		
C+	78% - 79%		
C	73% - 77%		
C-	70% - 72%		
D+	68% - 69%		
D	60% - 67%		
F	59% and below		

**“Re-Do” Policy is applicable only after a legitimate first effort! After we have negotiated that a rewind is needed the following will guide our efforts.**

1. Daily Work – Some assignments and tasks can be resubmitted for improved score if completed on time.
2. Projects: Circumstances and time of year often dictate the opportunity to improve on a project. We will negotiate this opportunity on an individual basis.
3. All work must be completed by the end of a quarter. Revision of work will not be permitted from one quarter to the next.

### **Extra Help**

All students will be provided opportunities for tutoring after school.

### **OHHS Plagiarism Policy**

Any student, who knowingly turns in any work that has been done by someone other than himself or herself, and fraudulently represents it as his/her own, shall be considered to have cheated. Cheating also includes: aiding someone else in cheating, the use or preparation of written, pictorial, or other materials not authorized by the instructor during a test or assignment, the use of testing materials obtained previous to the test date, or plagiarism of any kind. Refer to individual teachers expectations for each class violation. Students found cheating will also be subject to an office referral, which could result in a suspension.

### **Attendance**

Attendance is important for success in Conceptual Chemistry class. Students who miss class often miss information and work that cannot be made up. As a result students who miss class generally fall behind and their grade suffers.