Rapid City
Central High School

Chemistry

Course Description: Chemistry is the study of the composition of matter and the changes matter undergoes. Chemistry provides the groundwork for understanding in all other branches of science. Students will establish comprehensive knowledge through many in-class activities, guided practice and labs. The course will establish a strong foundation for further study in all sciences.

Attendance: Students are required to be in school every day. Students are responsible for communicating with their teachers to make up for missed learning.

Course Expectations: Although not everything is graded, everything is important. In order to demonstrate growth and learning, students will need to:

1. Participate in class activities (take notes, work in a group, complete in class tasks, ask questions) without distractions (cell phones, games, etc.)
2. Use morning time and the teacher to seek help outside of class when needed.
3. Complete all assessments within teacher timelines.

Grading

Skyward Assessment (Grades) may include quizzes, labs, learning checks, tests, speeches, performances, and projects.

Final Grade	
A	100% - 90%
B	80% - 89%
C	70% - 79%
D	60% - 69%
F	0% - 59%

Calculations:

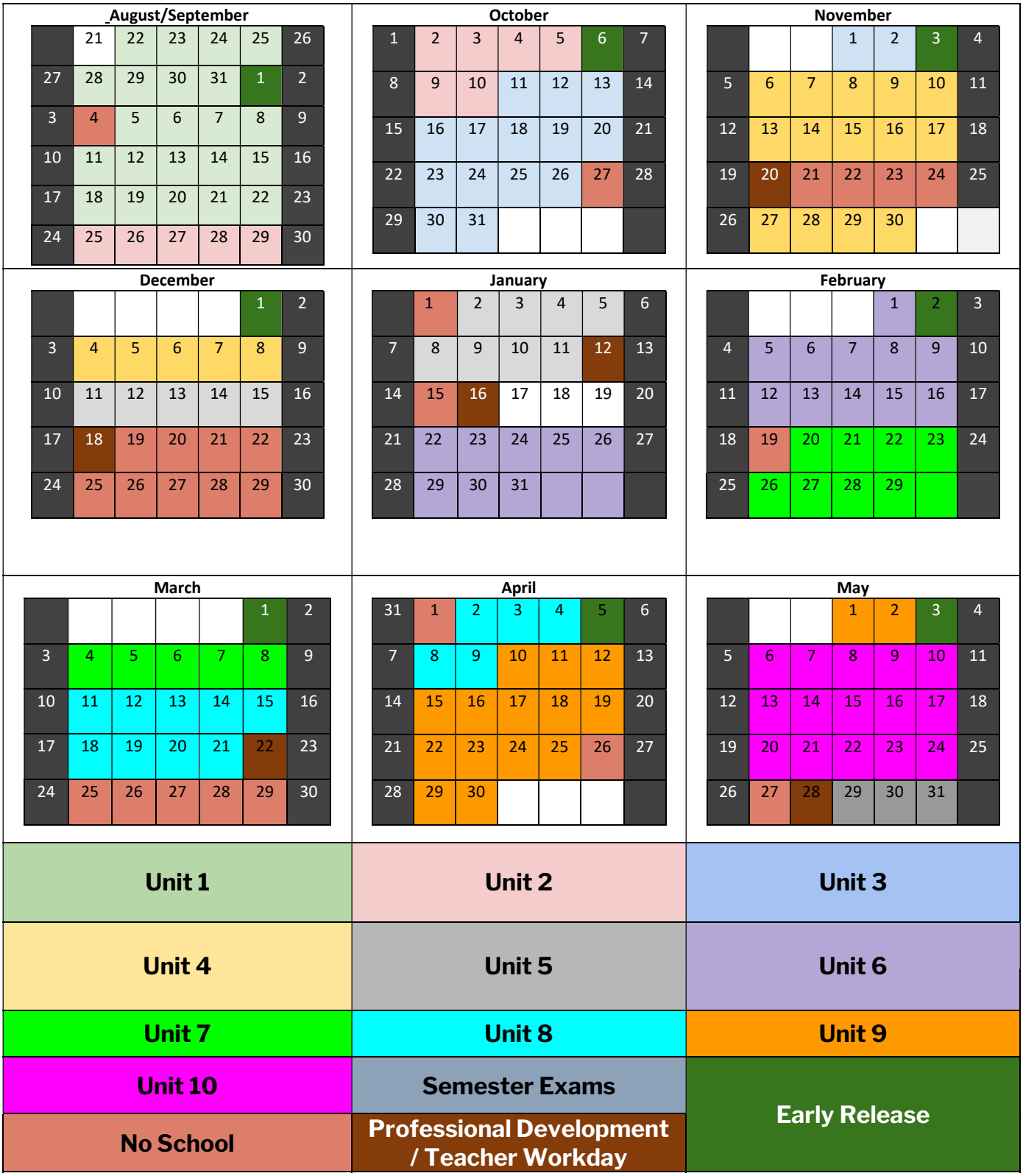
Final Grade Calculation	
Cumulative Grade	**95%**
Final Exam(s)	**5%**

Instructional Resources:

- Canvas
- periodicvideos.com(daily element videos)
- youtube (scientific videos)
- ck12 (makeup labs)

Course Calendar/Pacing:

Last Revised: 9/19/2023


August/September
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October
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November
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December
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January
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February
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March
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April
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May
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19 20 21 22 23 24 25
26 27 28 29 30 31
Unit 1
Unit 2
Unit 3
Unit 4
Unit 5
Unit 6
Unit 7
Unit 8
Unit 9
Unit 10
Semester Exams
Early Release
No School
Professional Development / Teacher Workday

		Expected Pacing
Unit 1 – Atomic Structure	5 weeks	Semester 1
Unit 2 – Electron Configuration	2 weeks	
Unit 3 – Periodic Table	3.5 weeks	
Unit 4 – Chemical Bonding	4 weeks	
Unit 5 – Mole	3.5 week	
Unit 6 – Stoichiometry	4 weeks	Semester 2
Unit 7 – Chemical Reactions	3 weeks	
Unit 8 – Acids & Bases	3 weeks	
Unit 9 – Solutions	3 weeks	
Unit 10 – Nuclear Chemistry	2.5 weeks	

Keep in mind that everything is tentative and subject to change