



Physical Science I & II

Course Description: The goal of this class is to introduce students to the physical sciences. This lecture and lab course will follow the tentative schedule provided. This schedule is subject to change at any time. Students will learn and build basic science skills, explore scientific concepts, as well as perform experiments that demonstrate scientific principles.

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

Essential Skills:

1. Use mathematical representations to support conceptual claims
2. Construct and revise models to predict conceptual understanding
3. Plan and carry out investigations to provide evidence of conceptual claims
4. Analyze data to support conceptual claims

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

Learning (Practice) includes instructional activities in and outside of class and are not used in grade determination.

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

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

Calculations:

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

Central High School Courses:

- Will determine grades based on student performance and growth.
- Will not include practice and behavior in grade determination.
- Will give all students regardless of absence an opportunity to demonstrate learning.
- Will not include extra credit.

Instructional Resources:

McGraw Hill Physical Science Textbook

Stemscopes

Canvas

Required Materials: computer (school issued), internet access, lined (notebook) paper, pen/pencil, 1" 3-ring binder.

Optional Materials: highlighters, colored pencils, dry erase markers, graph paper, ruler, etc.

Course Calendar/Pacing:

<u>August/September</u>							<u>October</u>							<u>November</u>						
		30	31	1	2	3	2	3	4	5	6	7	8			1	2	3	4	5
4	5	6	7	8	9	10	9	10	11	12	13	14	15	6	7	8	9	10	11	12
11	12	13	14	15	16	17	16	17	18	19	20	21	22	13	14	15	16	17	18	19
18	19	20	21	22	23	24	23	24	25	26	27	28	29	20	21	22	23	24	25	26
25	26	27	28	29	30		30	31						27	28	29	30			

December							January							February						
				1	2	3	1	2	3	4	5	6	7				1	2	3	4
4	5	6	7	8	9	10	8	9	10	11	12	13	14	5	6	7	8	9	10	11
11	12	13	14	15	16	17	15	16	17	18	19	20	21	12	13	14	15	16	17	18
18	19	20	21	22	23	24	22	23	24	25	26	27	28	19	20	21	22	23	24	25
25	26	27	28	29	30		29	30	31					26	27	28				
March							April							May/June						
			1	2	3	4	2	3	4	5	6	7	8		1	2	3	4	5	6
5	6	7	8	9	10	11	9	10	11	12	13	14	15	7	8	9	10	11	12	13
12	13	14	15	16	17	18	16	17	18	19	20	21	22	14	15	16	17	18	19	20
19	20	21	22	23	24	25	23	24	25	26	27	28	29	21	22	23	24	25	26	27
26	27	28	29	30	31									28	29	30	31	1	2	3
PhysSci Basics							Matter							Atomic Structure						
Chemical Bonding							Chemical Reactions							Professional Development						
														Semester Exams						
Motion and Forces							Energy							Electricity / Magnetism						
Waves																				