



Reynolds High School

Integrated Science

2023 - 2024

Instructor: Mr. Patrick Malone
Email address: pmalone@rsd7.net
Degree: Biology M.S. from U of O

Phone: 503-667-3186 ext. 1056
Room #: 100
Periods: 1, 2, 4, 5, 7 and 8

Learning Resources:

1. *Physical Sciences. Concepts in Action.* Pearson 2011 aka "The Helmet"
2. Online aka "The Internet"

Materials (bring daily):

1. Pen or pencil for writing
2. 3-ring binder
3. School provided electronic device to access the internet.

Course Description: IS9 is 1 of 3 credits of Science required for graduation.

Unit (Chapter #)	Major Objective (examples)
1: What is Science?	<i>Describe the scientific method</i>
2: Properties of Matter	<i>Compare and contrast physical vs chemical properties</i>
3: States of Matter	<i>Describe the scientific terms during a phase change</i>
4/5: Atomic Structure/Periodic Table	<i>Explain how the periodic table is organized</i>
6: Chemical Bonding	<i>Compare and contrast ionic vs covalent bonds</i>
22a: Earth's Structure and composition	<i>Draw the rock cycle</i>
22b: Plate Tectonics and Nature's Forces	<i>Identify the epicenter of an earthquake</i>
25: The Solar System	<i>Describe the various phases of the moon</i>
11: Motion	<i>Calculate acceleration of an object</i>
12: Forces and Motion	<i>Explain Newton's three laws of motion</i>

Course Requirements/Expectations:

1. All student behavior outlined in the Student Code of Conduct will be enforced in this class.

2. Points of Emphasis

Letter	Stands for	What does this look like in IS9?
P	Prepared and Punctual	<ul style="list-style-type: none">• In your assigned seat, will all necessary supplies, ready to learn before the bell
O	Organized	<ul style="list-style-type: none">• Keep all IS9 papers in a dedicated section of your 3-ringed binder
W	Writers	<ul style="list-style-type: none">• Locating the red words on the board and placing in the blanks on your paper
E	Engaged	<ul style="list-style-type: none">• Working on the daily assignment until it is completed and turned into the box in the back.
R	Respectful	<ul style="list-style-type: none">• Place all electronic device in the off and away position as you listen to daily instructions

- Failure to abide by the above course requirements/expectations may result in one or more of the following consequences:

Conference	Removal	Referral (major offense or frequent flyer)
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Assessment:

This section will illustrate what type of assignment are expected.

Assignment	Grading category	Time required	Frequency	Points	% of grade
Skills sheets (class work/home work)	Formative	40 – 60 minutes	Daily	20	40%
Chapter Test	Summative	45 minutes	Every 3 – 4 weeks	50	45%
Final Exam	Final Summative Assessment	90 minutes	End of the semester	100	15%

Daily Flow:

Welcome > Review previous day > Introduce daily objective > Guided practice > Independent practice > Submit it to the box > Closing

Late work:

Any assignment can be redone or made up. It is the student's responsibility to let the teacher know they turned in a make-up assignment. Once I grade an assignment, I do not go back to it, therefore, it is important the student communicate to the teacher what work they have done. Please check Student Vue at the end of the day on Friday's.

Retakes:

Unit tests can be retaken, if the student has all their daily assignments completed. It is the student's responsibility to let the teacher know they would like a retake. Timing is crucial. Retakes should be completed before the next unit test.

Grading:

Grade Percentage	Letter Grade	Description
100% - 90%	A	The student fully understands the content and the course objectives have been mastered.
89% - 80%	B	The student understands the content and course objectives at an above average level.
79% - 70%	C	The student understands the course content and course objectives at an average level.
69% - 60%	D	The student understands the course content at a below average level and a minimum of course objectives are met.
59% - 0%	F	The student has not met a sufficient number of course objectives to pass a minimum level and receives no credit.

Parent and Student Vue:

Scores are kept in Schoology and Synergy (Student Vue). Scores are transferred out of Schoology and placed into Synergy, therefore, Synergy is always the official grade.

Emergency Evacuation:

- 1) Remain calm and follow teacher directions
- 2) We exit either back door and turn right.
- 3) We go to the first hallway and turn right again and exit out glass doors to parking lot.



