



# Reynolds High School

## Biology Syllabus

### 2024-2025



**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, 3, 4, 5, 6, and 8

### Learning Resources:

1. *Biology* Prentice Hall 2004 aka "Dragonfly Book"
2. *What is life?* W.H. Freeman and Company 2010 aka "Zebra Book"
3. Chromebook

### Materials (bring daily):

- 1) Pen or pencil for writing
- 2) Planner
- 3) Binder with dividers
- 4) Chromebook

**Course Description:** Biology is 1 of 3 credits of science required for graduation.

Unit	Topic	Major Objective
1	Characteristics and Chemistry of Life	List the 8 characteristics of living organisms?
2	Eukaryotic Cells	What organelles are inside a cell?
3	Cell Membrane and Transport	How does the cell transport molecules?
4	Chloroplast, Mitochondria and Cell Energy	What is photosynthesis and cellular respiration?
5	Cell Division	What are the various stages of the cell cycle?
6	DNA Structure and Replication	Describe the structure of DNA
7	RNA, Transcription and Translation	How are proteins made?
8	Mendel and His Peas	Complete a Punnett Square for a test cross
9	Human Heredity	How are human blood types inherited?
10	Darwin and Evolution	How do organisms change over time?
11	Diversity of Life	Describe the 6 kingdoms of living organisms.
12	Ecology	Describe a food web.

### 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"> <li>In your assigned seat, will all necessary supplies, ready to learn</li> </ul>
O	Organized	<ul style="list-style-type: none"> <li>Keep all IS9 papers in a dedicated section of your 3-ringed binder</li> </ul>
W	Writers	<ul style="list-style-type: none"> <li>Locating the red words on the board and placing in the blanks on your paper</li> </ul>
E	Engaged	<ul style="list-style-type: none"> <li>Working on the daily assignment until it is completed and turned into the box in the back.</li> </ul>
R	Respectful	<ul style="list-style-type: none"> <li>Place your electronic device in the off and away position</li> </ul>

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

Conference	Removal	Referral (repeat or major offense)
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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	30 - 45 minutes	Every class	20	40%
Chapter Test	Summative	90 minutes	Every 3 - 4 weeks	50	45%
Final Exam	Final Summative Assessment	90 minutes	Once a semester	100	15%

## Daily Flow:

Review > Introduce daily objective > Guided practice > Independent practice > Submit it

## 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 completed.

## 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:

Synergy is always the official gradebook.