

Notes and activities will be checked for completion & corrections.

Topic	Objective(s)	# classes	Notes	Activities <i>Not including Labs or Assessments</i>	Check Ins	Mastery Check & # of attempts
1	Characteristics of Life & Cell Theory: <i>Understand the requirements for life and the basis of life</i>	1			B E D P	X
2	Cell Structures & Types: <i>Examine structures of plant & animal cells; Understand the structural and functional roles of organelles; Explain the difference between prokaryotic and eukaryotic cells and the relevance of each</i>	3			B E D P	Structures □□□□ Diagrams □□□□
3	Cell Specialization & Stem Cells: <i>Explain the importance of cell specialization in generating new tissues and organs; Analyze ethical issues related to technological developments</i>	2			B E D P	□□□□
4	Diffusion & Osmosis: <i>Examine the movement of particles required to sustain life; Examine the importance of cell size in relation to survival</i>	2		**LAB**	B E D P	□□□□
5	Cell Cycle & Mitosis: <i>Describe the cell cycle and explain the importance of division; Explain the importance of mitosis for cell growth & repair; Examine cells using a microscope & identify stages of mitosis and create biological diagrams</i>	4		**LAB**	B E D P	□□□□
6	Cancer: <i>Investigate the rate of cell division in cancerous and non-cancerous cells and predict the impact it has; Describe public health strategies related to cancer detection</i>	3			B E D P	□□□□
7	Tissues: <i>Investigate specialized cells (tissues) using a microscope and make biological drawings to show structural differences; Use appropriate terminology to describe structural differences</i>	1			B E D P	□□□□
8	Organ Systems & Interactions: <i>Explain the primary functions of a variety of systems; Explain the interactions of different systems and why they are necessary for survival; Investigate through dissection the interrelationships between organ systems Analyze the ethical issues related to organ transplants</i>	5		**LAB**	B E D P	□□□□
9	Plant Tissues & Organ Systems: <i>Investigate through dissection the interrelationships between organ systems</i>	1		**LAB**	B E D P	X

BIOLOGY Unit Deadlines & Formal Assessments



Assessments are to be completed in class and are due at the end of the in-class work period(s) unless otherwise indicated.

LABS	DATES	ASSESSMENTS	Work Period / Due Date
Diffusion & Osmosis Lab (topic 4)		Designer Cell Project (topics 2 & 3)	
Mitosis Microscope Lab (topic 5)		Mitosis Hand Jive (topic 5)	
Frog Dissection (topic 8)	Tues. Oct. 9th	Diseases Affecting Organ Systems Project (topics 6-8)	
Flower Dissection (topic 9)	Wed. Oct. 10th		

≥ 80% or a minimum of TWO attempts on ALL mastery checks required BEFORE a unit test

SUMMATIVE EVALUATION	DATE	Late Test Date
Unit Test	Fri. Oct. 12th	TBA <u>Prior Approval Required</u>





In order to be considered to write the test on the “late test date” an application must be completed, signed by a parent/guardian and submitted 3 days BEFORE the test date.

A completed application does not guarantee acceptance to write at the later date.

Mastery Checks:

- Mastery Checks may be attempted more than once and are not considered complete until **≥ 80%** is achieved.
- **≥ 80%** or a minimum of **two** attempts on **all** mastery checks is required **before** a unit test
- Must be written during class or after school during supervised extra help times.
- **3 attempts** are permitted during class time. If more attempts are required, they must be completed after school.
- Keep track of the number of attempts on the unit checklist
- Must be attempted as you progress through the topics – **DO NOT** let them accumulate until the end of the unit. You may run out of time!

Edsby Gradebook Symbols

-  Not yet **≥ 80%** but 2 attempts completed
-  Overdue / Late
-  Not Done
-  Incomplete (one attempt **< 80%**)