

Go to loreescience.ca to see required activities for each topic & sample answers.

Topic	Objective(s)	Approx. # Classes	Mastery Checks Min 80%
1	Characteristics of Life & Cell Theory: <i>Understand the requirements for life and the basis of life</i>	1	X
2	Cell Structures & Types: <i>Examine structures of plant & animal cells; Understand the structural and functional roles of organelles;</i> <i>Explain the difference between prokaryotic and eukaryotic cells and the relevance of each</i>	3	Structures <input type="checkbox"/> Got It!
			Diagrams <input type="checkbox"/> Got It!
3	Cell Specialization & Stem Cells: <i>Explain the importance of cell specialization in generating new tissues and organs;</i> <i>Analyze ethical issues related to technological developments</i>	3	<input type="checkbox"/> Got It!
4	Diffusion & Osmosis: <i>Examine the movement of particles required to sustain life; Examine the importance of cell size in relation to survival</i>	1	<input type="checkbox"/> Got It!
5	Cell Cycle & Mitosis: <i>Describe the cell cycle and explain the importance of division;</i> <i>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	<input type="checkbox"/> Got It!
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>	2	<input type="checkbox"/> Got It!
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>	2	<input type="checkbox"/> Got It!
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</i> <i>Analyze the ethical issues related to organ transplants</i>	4 Lab	<input type="checkbox"/> Got It!
9	Plant Tissues & Organ Systems: <i>Investigate through dissection the interrelationships between organ systems</i>	3 Lab	X

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

Mastery Checks:

- Mastery Checks may be attempted more than once and are not considered complete until **≥ 80%** is achieved.
Extra practice must be completed & shown to get another code.
- Must be written during class or after school during supervised extra help times.
- 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
- ! Overdue / Late
- ✗ Not Done
- ⦿ Incomplete (one attempt < **80%**)

November 2023

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

December 2023

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30