SNC2DN BIOLOGY Unit Checklist

Name: _____



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

Торіс	Objective(s)	Approx. # Classes	Mastery Checks Min 80%
1	Characteristics of Life & Cell Theory : Understand the requirements for life and the basis of life	1	
2	Cell Structures & Types: 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	3	Structures Got It! Diagrams Got It!
3	Cell Specialization & Stem Cells: Explain the importance of cell specialization in generating new tissues and organs; Analyze ethical issues related to technological developments	3	Got It!
4	Diffusion & Osmosis: Examine the movement of particles required to sustain life; Examine the importance of cell size in relation to survival	1	Got It!
5	Cell Cycle & Mitosis: 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	4 Lab	Got It!
6	Cancer: 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	2	Got It!
7	Tissues: Investigate specialized cells (tissues) using a microscope and make biological drawings to show structural differences; Use appropriate terminology to describe structural differences	2	Got It!
8	Organ Systems & Interactions: 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	4 Lab	Got It!
9	Plant Tissues & Organ Systems: Investigate through dissection the interrelationships between organ systems	3 Lab	

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

Edsby Gradebook Symbols

Not yet ≥ 80% but 2 attempts

Incomplete (one attempt < 80%)

Overdue / Late

Not Done

<

1

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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 –<u>DO NOT</u> let them accumulate until the end of the unit. You may run out of time!

APRIL 2024									
Sun	Mon	Tue	Wed	Thu	Fri	Sat			
28	29	30	1	2	3	4			

MAY 2024												
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday						
28	29	30	1	2	3	4						
5	6	7	8	9	10	11						
12	13	14	15	16	17	18						
19	20	21	22	23	24	JUNE 2024						
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26	27	28	29	30	31							1
		1	1		1	- 2	3	4	5	6	7	8
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						30						