**Student Successes**

**2019-20 Biology Cycle 1**

Record your **score** for each standard.

|  |  |  |  |
| --- | --- | --- | --- |
| **Standard** | **Topic and Description** | **Score** | **Where am I?** |
| SC.912.L.14.1 | **Cell Theory:** Describe the scientific theory of cells (cell theory) and relate the history of its discovery to the process of science. | \_\_\_/3 = \_\_\_\_ % | *\*Check the correct score ranking*   * I Got It (100%) * Almost There (67%) * Work in Progress (0-33%) |
| SC.912.L.14.2 | **Plant and Animal Cells:** Relate structure to function for the components of plant and animal cells. Explain the role of cell membranes as a highly selective barrier (passive and active transport). | \_\_\_/3 = \_\_\_\_ % | *\*Check the correct score ranking*   * I Got It (100%) * Almost There (67%) * Work in Progress (0-33%) |
| SC.912.L.14.3 | **Comparing Cells:** Compare and contrast the general structures of plant and animal cells. Compare and contrast the general structures of prokaryotic and eukaryotic cells. | \_\_\_/3 = \_\_\_\_ % | *\*Check the correct score ranking*   * I Got It (100%) * Almost There (67%) * Work in Progress (0-33%) |
| SC.912.L.16.14 | **Cell Cycle and Mitosis:** Describe the cell cycle, including the process of mitosis. Explain the role of mitosis in the formation of new cells and its importance in maintaining chromosome number during asexual reproduction. | \_\_\_/3 = \_\_\_\_ % | *\*Check the correct score ranking*   * I Got It (100%) * Almost There (67%) * Work in Progress (0-33%) |
| SC.912.L.16.8 | **Regulation & Cancer:** Explain the relationship between mutation, cell cycle, and uncontrolled cell growth potentially resulting in cancer. | \_\_\_/3 = \_\_\_\_ % | *\*Check the correct score ranking*   * I Got It (100%) * Almost There (67%) * Work in Progress (0-33%) |
| SC.912.L.18.12 | **Properties of Water:** Discuss the special properties of water that contribute to Earth's suitability as an environment for life: cohesive behavior, ability to moderate temperature, expansion upon freezing, and versatility as a solvent | \_\_\_/3 = \_\_\_\_ % | *\*Check the correct score ranking*   * I Got It (100%) * Almost There (67%)   Work in Progress (0-33%) |
| SC.912.N.1.1 | **Scientific Processes:** Define a problem based on a specific body of knowledge, for example: biology, chemistry, physics, and earth/space science, and do the following: Pose questions about the natural world, conduct systematic investigations, **examine books and other sources of information to see what is already known, review what is known in light of empirical evidence, plan investigations, use tools to gather, analyze, and interpret data (this includes the use of measurement in metric and other systems, and also the generation and interpretation of graphical representations of data, including data tables and graphs), p**ose answers, explanations, or descriptions of events, generate explanations that explicate or describe natural phenomena (inferences), use appropriate evidence and reasoning to justify these explanations to others, communicate results of scientific investigations, and evaluate the merits of the explanations produced by others. | \_\_\_/3 = \_\_\_\_ % | *\*Check the correct score ranking*   * I Got It (100%) * Almost There (67%) * Work in Progress (0-33%) |
| SC.912.N.2.1 | **What is Science:** Identify what is science, what clearly is not science, and what superficially resembles science (but fails to meet the criteria for science) | \_\_\_/3 = \_\_\_\_ % | *\*Check the correct score ranking*   * I Got It (100%) * Almost There (67%) * Work in Progress (0-33%) |
| SC.912.N.3.1 | **Scientific Theory:**  Explain that a scientific theory is the culmination of many scientific investigations drawing together all the current evidence concerning a substantial range of phenomena; thus, a scientific theory represents the most powerful explanation scientists have to offer. | \_\_\_/3 = \_\_\_\_ % | *\*Check the correct score ranking*   * I Got It (100%) * Almost There (67%) * Work in Progress (0-33%) |
| **Cycle 1 Assessment Total Score** | | \_\_\_/27=\_\_\_\_\_% | |

**Data Analysis**

1. Locate any **Scores** that are 100% and check the **I Got It** box in the “Where Am I?” column.
2. Locate any **Scores** that are 67% and check the **Almost There** box in the “Where Am I?” column.
3. Locate any **Scores** that are 0-33% and check the **Work in Progress** box in the “Where Am I?” column.
4. Reflect on your data by **completing A-C** below. *Be ready to share your reflections!*

A- My highest scores may have been due to

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B- **My Almost There** topics are\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .

I will improve on these topics by (check one or more)

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| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Make vocab flash cards |  | Review notes & generate Q’s |  | Write summaries for notes |  | Reread sections in textbook |
|  | Watch videos on the topic(s) |  | Study with a friend |  | Create a foldable |  | Record 3 questions and ask your teacher for help |

C- Discuss responses from A and B above *in general terms* with other students and **identify 3 trends** you noticed while discussing with your peers.

**Trend 1:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Infer a possible reason for this trend: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Trend 2:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Infer a possible reason for this trend: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Trend 3:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Infer a possible reason for this trend: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_