Introduction to Biology

Unit 1

**Coversheet Directions:** Sketch and color any combination of **4 things** you think we’ll learn about in biology, labs you’ve done in the past that relate to biology, or tools/equipment you think we’ll use in the class.

***Key Vocabulary***:

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***Self-Assess:***

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| “I can” statements  \*Rate yourself on a scale of 1-5 (5 being the best)\* | Khan Academy Lesson or Video | Khan Academy Practice |
| ***Topic 1: COL***  \_\_\_\_\_\_ 1. I can identify the nine characteristics of life.  \_\_\_\_\_\_ 2. I can give examples of the characteristics of life. |  | Click on “practice” on the right side |
| ***Topic 2: Lab Safety***  \_\_\_\_\_\_ 1. I can identify safe and unsafe lab procedures.  \_\_\_\_\_\_ 2. I can locate all safety equipment in the classroom. |  |  |
| ***Topic 3: Scientific Method***  \_\_\_\_\_\_ 1. I can distinguish between qualitative vs. quantitative  \_\_\_\_\_\_ 2. Independent, Dependent, Constants  \_\_\_\_\_\_ 3. Control Groups vs. Experimental Groups  \_\_\_\_\_\_ 4. Observation vs. Inference |  |  |
| ***Topic 4: Graphing & Data Analysis***  \_\_\_\_\_\_ 1. I can choose the appropriate graph type to depict data.  \_\_\_\_\_\_ 2. I can analyze trends and patterns from graphs. |  |  |