Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Chapter 1: Introduction to Life Science

Chapter 1 Section 1: What is Life Science

|  |  |  |  |
| --- | --- | --- | --- |
| Main Idea  Scientists use skills or their senses to learn about the world around them | Sense | Eyes  Ears  Nose  Taste  Touch | Scientist us skills like observing, inferring, predicting,.  classifying,  and making models  to learn about the world |
| Science | Life  Earth  Physical | Use  All  Of  You  Senses | A way of learning about the natural world |
| Observing |  |  | Using one or more of your senses to gather information |
| Quantitative Observation | 3,000 turtles on the beach… how many make it to the water? | #  #  # | Describe a number or an amount of things |
| Qualitative  Observation | That bird is honeybee yellow. | Red  Blue  Green | Deal with a description that cannot be expressed or reported in numbers |
| Inferring |  | I know lots of things | Explaining or interpreting the things you see or observe using what you know |
| Predicting | I’m going to ace the next science test!  If I study! | 100%  A+ | Making a forcast or educated guess about what will happen in the future |
| Classifying |  | I don’t  fit  into this group | Grouping together items that are alike in some way |
| Making models |  | It looks like this! | Creating representations of complex objects or processes |
| Life Science |  | Wow  this is alive! | The study of living things |
| **Questions 18 and 19 are open-response questions.**  **• BE SURE TO ANSWER AND LABEL ALL PARTS OF EACH QUESTION.**  **• Show all your work (diagrams, tables, or computations)**  **• If you do the work in your head, explain in writing how you did the work.**  **Write your answer to question 18 in the space provided** |  |  |  |
| ●18 Drew wants to put oak cabinets in his new kitchen. He is deciding whether to select custom-built cabinets or mass-produced cabinets.  a. Describe **one** advantage of selecting custom-built cabinets.  b. Describe **one** advantage and **one** disadvantage of selecting mass-produced cabinets.  c. Describe **one** way that mass-produced products are made differently than custom-built products. | If you need some other paper use it. |  | Draw a diagram/ |
| Now you are hooked on science and two-column notes. |  |  |  |
|  |  |  |  |