Honors Benchmark #1 Review Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| Topic/Question | Answer |
| Scientific Method    Independent/Dependent Variables – What are they? Where on a graph? |  |
| Characteristics of Living Things  Homeostasis  Stimuli    What is not a  characteristic? |  |
| Viruses  Parts  Reproduction    Provirus (Prophage)  Dormant  DNA vs. RNA Virus  Vaccinations | Related image |
| Parts of a Prokaryote |  |
| Bacteria    Basics –  Reproduction/Energy  Bacterial Shapes  Uses  Endospore  Archaebacteria v.  Eubacteria  Cell Wall  Locations  Examples? |  |
| Protists  Fungus Like  Animal Like  Plant Like  Special Structures – Cilia, Flagella, Contractile Vacuole, Pseudopods |  |
| Fungi  Basics – Energy  Hyphae  Mycelium  4 Phylums  Common Name  Examples |  |
| Plants  Characteristics of Each  Division    Tropisms | Image result for PLant Cladogram |
| Flower Parts and Functions | Image result for Flower to Label |
| Animal  Basics  Radial, Bilateral, or  Asymmetrical  Segmented Body Plan  Endothermic  Invertebrates (8)    Phylum Chordata  Vertebrates (7) |  |
| Classification Basics  Taxonomic Levels    Binomial  Nomenclature  Dichotomous Key | Image result for dichotomous key |
| Scientific Tools  Cladograms |  |
| Chemistry of Life  Parts of an Atom  Elements that make up all living things  Types of Bonds found in compounds  Water’s chemical formula  Polar Molecules  Hydrophilic vs hydrophobic  Properties of water and examples  pH scale  Acids  Bases |  |