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 LifeParts of an AtomElements that make up all living thingsTypes of Bonds found in compoundsWater’s chemical formulaPolar MoleculesHydrophilic vs hydrophobicProperties of water and examplespH scaleAcidsBases |  |