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

Themes of Biology (Characteristics of Life) Powerpoint Guide #1

1. Define the following words:
   1. Organism:

* 1. Species:

1. Fill in the table below:

|  |  |  |
| --- | --- | --- |
| Characteristics of Life (Themes of Biology) | | |
| THEME | DEFINITION | VOCABULARY WORDS |
| 1. Organization |  | **Cell**  **Unicellular**  **Multicellular** |
| 1. Reproduction |  | **Reproduce** |
| 1. Inheritance |  | **Offspring**  **DNA**  **Gene** |
| 1. Interaction with the Environment |  | **Interdependence** |
| 1. Energy |  | **ATP, Producers, Consumers,** |
| 1. Regulation |  | **Homeostasis** |
| 1. Adaptation (Evolution) |  |  |

1. What are the levels of Organization in an organism?

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1. What are the 3 basic types of cells?
2. What does it mean for cells to become specialized/differentiated?
3. **Define the following words:**

|  |  |  |
| --- | --- | --- |
| **VOCABULARY WORD** | **DEFINITION** | **EXAMPLE** |
| **Unicerllular** |  |  |
| **Multicellular** |  |  |
| **Reproduce** |  |  |
| **Heredity** |  |  |
| **Genetics** |  |  |
| **DNA** |  |  |
| **Gene** |  |  |
| **ATP** |  |  |
| **Producers** |  |  |
| **Consumers** |  |  |
|  |  |  |
| **Homeostasis** |  |  |