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| **Science 8**  **Observing Living Things** | **Name: Date: Block:** |

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| **Living Things** |

* Living things can \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in almost any type of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* All living things have \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that help them survive in their environment

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| **Characteristic of Living Things** |

1. **Living things…** need to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to their environment

* Anything that causes a living thing to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Ex:

1. **Living things…** require \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* To respond to the environment, living things require \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Living things have different ways of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Ex:

1. **Living things…** are made of \_\_\_\_\_\_\_\_\_\_\_\_\_

* Cells are the basic building blocks of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **Living things…** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a result of cells in your body increasing in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Cells are continually being \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* A way for living things to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ older individuals that \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **Living things…** must get rid of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* What living things consume are often \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ by the body and therefore creates \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Animals produce waste such as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **Living things…** must \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* Eventually the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ will no be sufficient and the organism will die.

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| Is it Alive? |
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1. Complete the table by answering “yes” or “no” to the characteristics for the different examples given .

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| **Things**    **Characteristics** | **Human**  **(example)** | **Candle** | **Tree** | **Computer** | **Car** | **Cut Flowers** |
| **Made of cells** | yes |  |  |  |  |  |
| **Take in nutrients** | yes |  |  |  |  |  |
| **Use energy** | yes |  |  |  |  |  |
| **Produce waste** | yes |  |  |  |  |  |
| **Respond to stimuli** | yes |  |  |  |  |  |
| **Grow** | yes |  |  |  |  |  |
| **Reproduce** | yes |  |  |  |  |  |
| **Living (L) or Non-living (N)** | L |  |  |  |  |  |

2. Which things did you decide were living?

3. Which things did you decide were non-living?

4. Were there any things that you were unsure about? ***What questions could you ask to decide if those things were living or non-living?***