**Characteristics of Living Things Station Differentiation**

**Station 1:** **Watch It! Properties of Living Things**

Go to <https://www.youtube.com/watch?v=fYBpsPDla4A> and answer the questions below. Stop at the 5 min and 20 sec point.

1. What is the difference between a unicellular and a multicellular organism?

2. What is asexual reproduction?

3. What genetic code are all living things based on?

4. What is an example of an autotroph?

5. What is homeostasis? Give one example.

**Station 2: Summarize It!** Using the letters below and the eight properties of living things, determine what property goes with each letter. Then, summarize what each property means by giving an example.

**R**

**A**

**R**

**E**

**H**

**O**

**G**

**G**

**Station 3: Do It! Living or Nonliving Activity**

With your lab partner, make observations of each item at a lab station. Identify the item(s) at each station. Decide with your lab partner if the sample is living, is part of a living thing, or was never living. Record your answers and the reasons for your decisions in the table below.

|  |  |  |  |
| --- | --- | --- | --- |
| **Item #** | **Item** | **Living? Part of a Living thing? Never living?** | **Reason** |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |
| 4 |  |  |  |
| 5 |  |  |  |

**Station 4: Assess It!**

Return to your seat and we’ll watch the video at <https://www.ted.com/talks/david_gallo_shows_underwater_astonishments> together. What one characteristic of a living thing do you think this video best explains? Explain why.

Write a three to five paragraph response to the following question: Is a virus a living thing? Use the eight characteristics we have discussed today when forming your response. You may need to do some additional research in order to answer this question. Cite evidence to support your view, and list any resources you may have used.