NAME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_4

DATE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ PER \_\_\_\_\_\_\_\_\_\_

**C**ross **C**utting **C**oncepts

Match the CCC with its definition.

1. \_\_\_\_\_ Patterns **A.** These things are neither created nor destroyed, but flow into and out of a system. These include things such as atoms, electricity, heat, and molecules.

2. \_\_\_\_\_ Cause & Effect **B.** The CCC of \_\_\_\_\_\_\_\_\_\_ helps us understand the world by describing

 how things connect and interact. We can use simple examples,

 pictures, and representations to explore these interactions.

3. \_\_\_\_\_ Scale, Proportion, and Quantity **C.** The CCC of \_\_\_\_\_\_\_\_\_\_\_ highlights that structures or events

 are often ordered and repeated.

4. \_\_\_\_\_ Systems & Models **D.** This CCC is the way something is built and the parts that it has.

 The build and parts determine how it works.

5. \_\_\_\_\_ Energy & Matter **E.** Different measures of size, amount, and time affect a system’s

 structure, performance, and our to observe.

6. \_\_\_\_\_ Structure & Function **F.** Over time, a system might stay the same or become different,

 depending on a variety of factors.

7. \_\_\_\_\_ Stability & Change **G.** The CCC of \_\_\_\_\_\_\_\_\_\_\_ investigates how things are connected by

 finding the reasons behind an even, and what will occur because of

 the event.

**List and explain 3 examples for each Cross Cutting Concept.**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **CCC Example** | **Patterns** | **Cause & Effect** | **Scale, Proportion & Quantity** | **Systems & Models** | **Energy & Matter** | **Structure & Function** | **Stability & Change** |
| **1.** |  |  |  |  |  |  |  |
| **2.** |  |  |  |  |  |  |  |
| **3.** |  |  |  |  |  |  |  |