

Name \_\_\_\_\_

## SYSTEMS - NOTES

### The Basics

The 2 most basic parts of the universe are \_\_\_\_\_ and \_\_\_\_\_

Matter and energy are always \_\_\_\_\_ together to create \_\_\_\_\_

### What is a System?

A system is made of \_\_\_\_\_ “things” interacting with each other

Example – people (\_\_\_\_\_) need air (\_\_\_\_\_) and water (\_\_\_\_\_) to survive.

### Earth Systems

There are \_\_\_\_\_ smaller systems that work together to create a working Earth system

\_\_\_\_\_ sphere – \_\_\_\_\_ things on Earth

\_\_\_\_\_ sphere – all the \_\_\_\_\_ on Earth

\_\_\_\_\_ sphere – Earth’s \_\_\_\_\_

\_\_\_\_\_ sphere – \_\_\_\_\_ surrounding the Earth

\_\_\_\_\_ sphere – The things beyond Earth (\_\_\_\_\_)

Sun, other stars, planets, comets, etc.

### Types of Systems

There are \_\_\_\_\_ types of systems

\_\_\_\_\_ – matter is cycled (moves around) and can \_\_\_\_\_ the system

\_\_\_\_\_ – matter is cycled (moves around) and \_\_\_\_\_ in the system

