

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

## Life Science Notes 2 What is Life?

### What is Life?

- What makes you different than a rock or water? What makes you similar to a bird or a fish?
- Living things are called organisms. There are about 6 very distinct characteristics that make us different than non-living things.

synthetic  
cork has  
cells → no life  
functions

#### 1. Cells

Living things have organized cells that carry out life functions.

#### 2. Reproduce

All living things attempt to make more copies of themselves.

#### 3. Respond to Environment

Ex.] Cold → Go inside to get warm  
Hot → live underground

#### 4. Adapt to Environment

Living things change over time in order to survive in their environment.

#### 5. Grow

Living things have life cycles and they grow and change throughout their lives

#### 6. Obtain Food

Living things require nutrients to fuel all the reactions of life.

Viruses use  
host cells to  
reproduce

most  
non-living  
things do  
not  
respond,  
change, or  
move. Non-  
living things  
do not  
often need  
nourishment