

Biology Prd \_\_\_\_\_

## Biological Systems

List 2 examples of systems:

- ## The Cellular Basis of Life

-most Multicellular organisms have \_\_\_\_\_ cells

-2 examples of specialized cells:

- List the levels of organization of a multicellular organism starting with a cell:

## Form and Function

Exemplify the "form-fits-function" theme:

## Reproduction and Inheritance

What is meant by the saying "*Like begets like*"?

What is responsible for family resemblance? \_\_\_\_\_

## Interaction With the Environment

Explain why an organism is never completely isolated from its environment:

## Energy and Life

-work depends on a \_\_\_\_\_

## How do YOU obtain energy?

Using the ecosystem as an example, trace the pathway of energy in simple terms:

Name \_\_\_\_\_

Biology Prd \_\_\_\_\_

1.3 Ten themes unify the study of life

**Regulation**

What is **homeostasis**, and why is it important to living organisms?

**Adaptation and Evolution**

Define:

1. **adaptation**= \_\_\_\_\_
2. **population**= \_\_\_\_\_
3. **natural**  
**selection**= \_\_\_\_\_
4. **evolution**= \_\_\_\_\_

List 2 examples of beneficial adaptation to living things:

1. \_\_\_\_\_
2. \_\_\_\_\_

**Biology and Society**

Identify 3 ways that biology is having and impact on society:

- 1.
- 2.
- 3.

**Scientific Inquiry**

How will we rely on scientific inquiry in this class?

**Assignment: Concept Check 1.3 p. 19**