

# SYSTEM AND SYSTEM MODELS

## Resource Extraction



Describe the phenomenon:

### List abiotic components:

Solids (s) 

Liquids (l) 

Gases (g) 

Plasma (p) 

### List biotic components:

Microorganisms 

Plants 

Animals 

Human Interactions 

Define the **boundaries of the system**.  
Draw and label **all components**.

Identify **relationships** between the **components**.

# STRUCTURE AND FUNCTION:

## Rechargeable Batteries

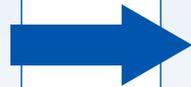


Describe the phenomenon:

Draw and label the structure of a rechargeable battery.

Describe the properties of these structures that contribute to its functionality.

Describe the way(s) a rechargeable battery functions.



# STABILITY AND CHANGE

## Resource Extraction



Describe the phenomenon:

Describe the specific human action to the ecosystem that could disrupt it (**input**):

Identify components of the ecosystem when it is **stable**.

Describe the ways that ecosystem components would change as a result of human disruption (**output**):

