

Engage + Explore

The Body Responds

Video Segment: "Just a Body Responding"

- scene #1 description
- scene #2 description
- scene #3 description
- scene #4 description

	Behavioral Responses	Physiological Responses
#1	• • •	• • •
#2	• • •	• • •
#3	• • •	• • •
#4	• • •	• • •

Chapter #: 5 Date: Initials: *JS*

Chapter Title: Maintaining Balance in Organisms

Essential Goal: Understand that living systems detect and respond to changing conditions to maintain homeostasis; all organisms have mechanisms for regulating internal conditions such as temperature and pH; regulatory mechanisms may be chemical, physiological, behavioral, or a combination of these; and maintaining homeostasis requires the interactions of many organ systems.

Main Idea/Question:

Notes:

behavioral responses - actions that are easily observed. They may be:

- voluntary (e.g., put on sweater because cold)
- involuntary (e.g., shiver relax because cold)

physiological responses - internal actions that are not easily observed. They are usually:

- involuntary biological + chemical functions (e.g., blood vessels at surface of body constrict, reducing blood flow to the skin because cold)

Summary: