

Keeping a Balance: Homeostasis and Negative Feedback

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RET- Biotech

Product Information

- **Keeping a Balance: Homeostasis and Negative Feedback**
- **www.Science Take-Out.com**
- **\$11.00 per individual kit.**

Lab Overview

- **Students read and gather information about homeostasis and negative feedback.**
- **Students demonstrate how organisms maintain normal blood sugar levels by performing simulations.**
- **Students use a negative feedback graphic organizer to demonstrate how the body maintains a normal temperature.**
- **Students apply what they have learned about negative feedback mechanisms and answer questions about maintaining blood glucose levels.**
- **Students reinforce the concepts of homeostasis and negative feedback by making an analogy between the human body and a fishbowl.**

Evaluation

- **Homeostasis is not just explained but demonstrated.**
- **The manipulatives make the concepts of homeostasis stick.**
- **Students discover the physiology (use of feedback mechanisms) that our body uses to maintain homeostasis.**
- **The negative feedback graphic organizer helps students visualize a difficult concept that cannot be seen directly.**
- **Creating analogies help reinforce the concepts of homeostasis and negative feedback.**

