

**TASK Question:**

***How does the endocrine system maintain homeostasis through positive and negative feedback?***

**LT: I can explain how the endocrine system maintains homeostasis through positive and negative feedback.**

**4.5.3b**

**Explore** the resources:

- <https://www.brainpop.com/health/bodysystems/endocrinesystem/>  
\*\*TheBrainPop username and password are on the top of the website 8<sup>th</sup> grade resource page
- <https://www.youtube.com/watch?v=Iz0Q9nTZCw4>

**Generate** ideas by answering the following questions:

- a. How does the endocrine system work to maintain homeostasis?
- b. How does **negative feedback** compare to **positive feedback**?
- c. Homeostasis can require the control of many different variables in organisms. **Homeostasis** regarding internal body temperature is very important for many organisms. How is this different among **ectotherms** and **endotherms**?