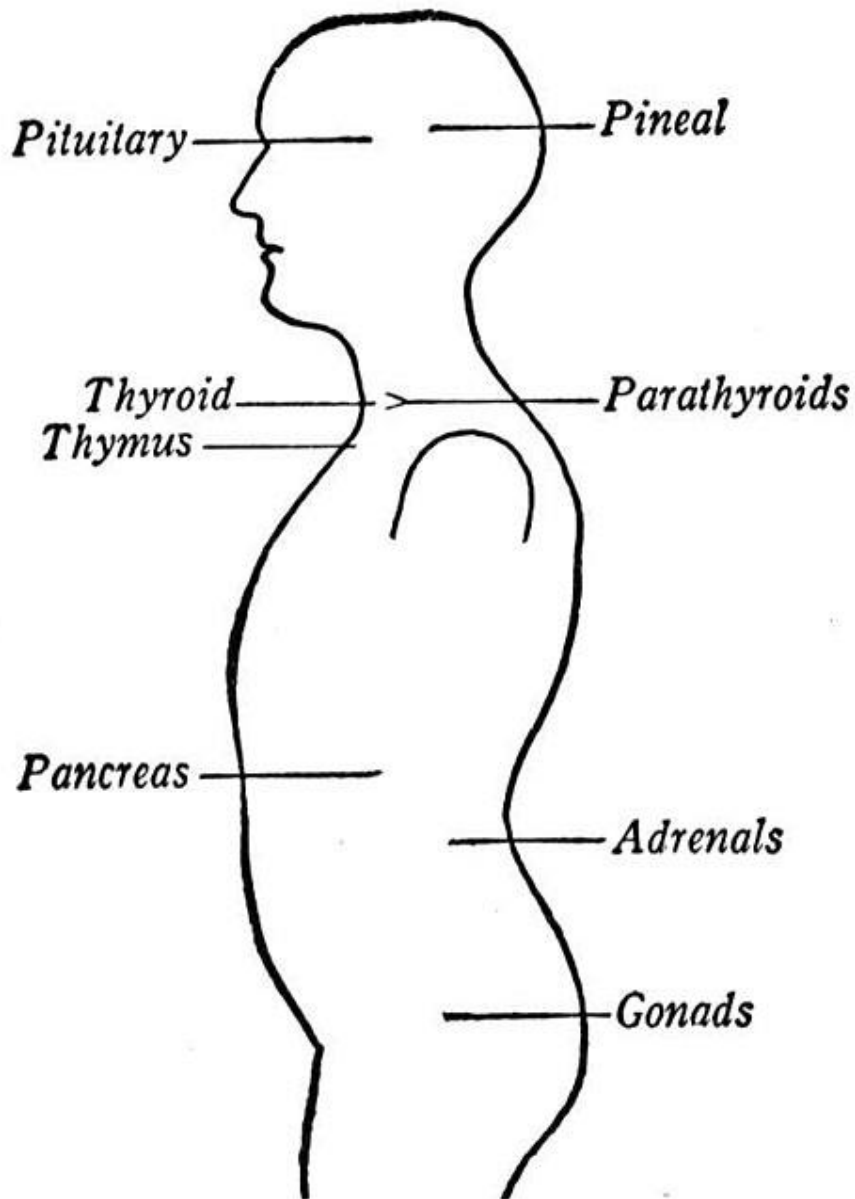


Endocrine System Lapbook



Endocrine System Lapbook
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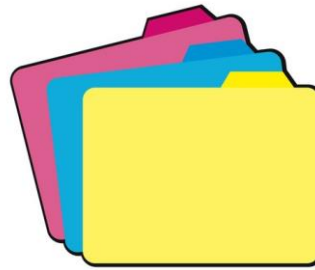
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Special thanks to Carrie Martin-Vegue. She is the author of the Study Guide that is included in this product. The Study Guide is being used with her permission and is now owned by Knowledge Box Central.

How do I get started?

First, you will want to gather your supplies.



*** Assembly:

***Folders:** We use colored file folders, which can be found at Walmart, Sam's, Office Depot, Costco, etc. You will need between 1 and 4 file folders, depending on which product you have purchased. You may use manila folders if you prefer, but we have found that children respond better with the brightly colored folders. Don't worry about the tabs...they aren't important. Within this product, you will be given easy, step-by-step instructions for how to fold and assemble these folders. *If you prefer, you can purchase the assembled lapbook bases from our website.*

***Glue:** For the folder assembly, we use hot glue. For booklet assembly, we use glue sticks and sometimes hot glue, depending on the specific booklet. We have found that bottle glue stays wet for too long, so it's not a great choice for lapbooking. For gluing the folders together, we suggest using hot glue, but **ONLY** with adult supervision. These things get **SUPER** hot, and can cause **SEVERE** burns within seconds.



***Other Supplies:** Of course, you will need scissors. Many booklets require additional supplies. Some of these include metal brad fasteners, paper clips, ribbon, yarn, staples, hole puncher, etc.



You may want to add decorations of your own, including stickers, buttons, coloring pages, cut-out clipart, etc. Sometimes, we even use scrapbooking supplies. The most important thing is to use your imagination! Make it your own!!



Ok. I've gathered the supplies. Now how do I use this product?

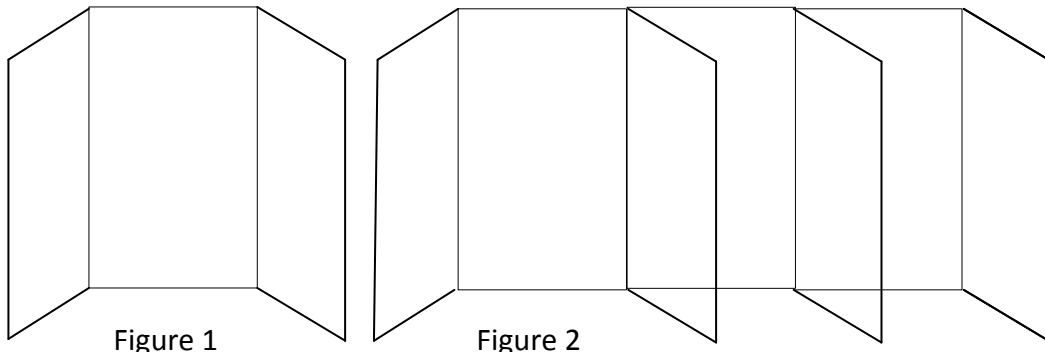
Inside, you will find several sections. They are as follows:

- 1. Layout and Pictures:** This section gives instructions and diagrams that will tell the student exactly how to assemble the lapbook base and where to glue each booklet into the base. Depending on the student's age, he or she may need assistance with this process, especially if you choose to allow the student to use hot glue.
- 2. Student Instruction Guide:** This section is written directly to the student, in language that he or she can understand. However, depending on the age of the child, there may be some parent/teacher assistance needed. This section will also tell the student exactly what should be written inside each booklet as he or she comes to it during the study, as well as telling the student which folder each booklet will be glued into.
- 3. Booklet Templates:** This section includes ALL of the templates for the booklets. These have been printed on colors that will help to improve retention of the information presented, according to scientific research on color psychology.
- 4. Teacher's/Study Guide:** This section includes a Study Guide that can be used to teach this subject. It includes all information for completing the booklets in this lapbook.

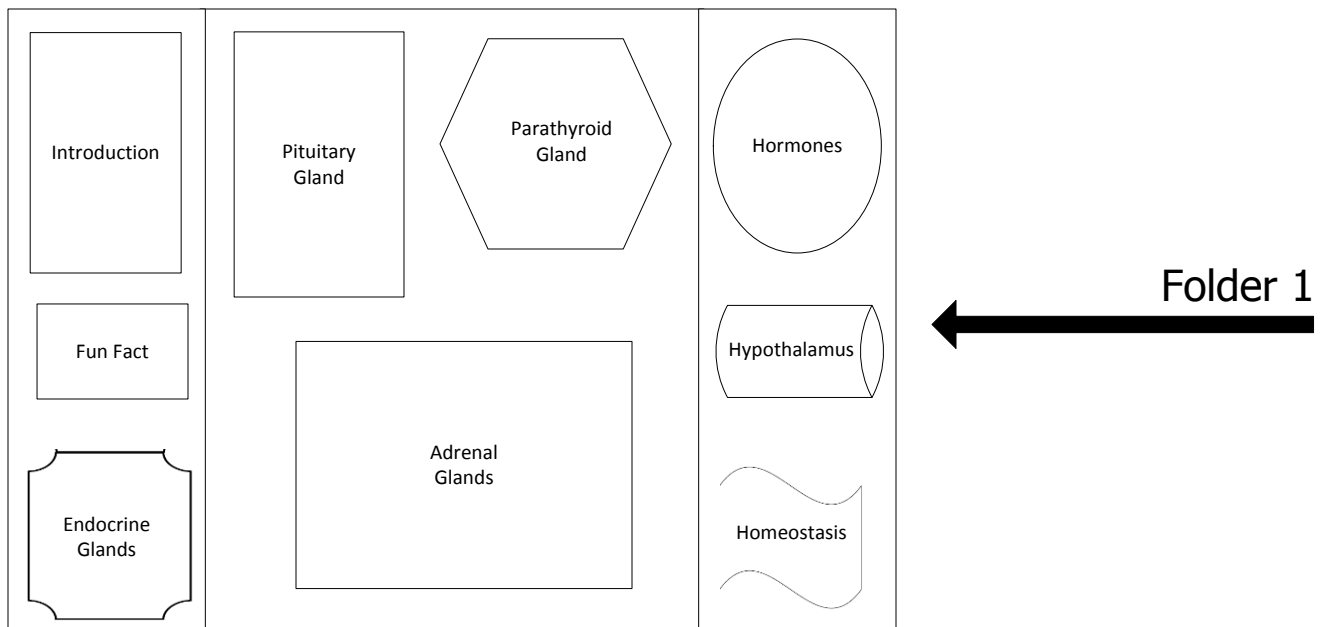
Endocrine System Lapbook

Layout & Pictures

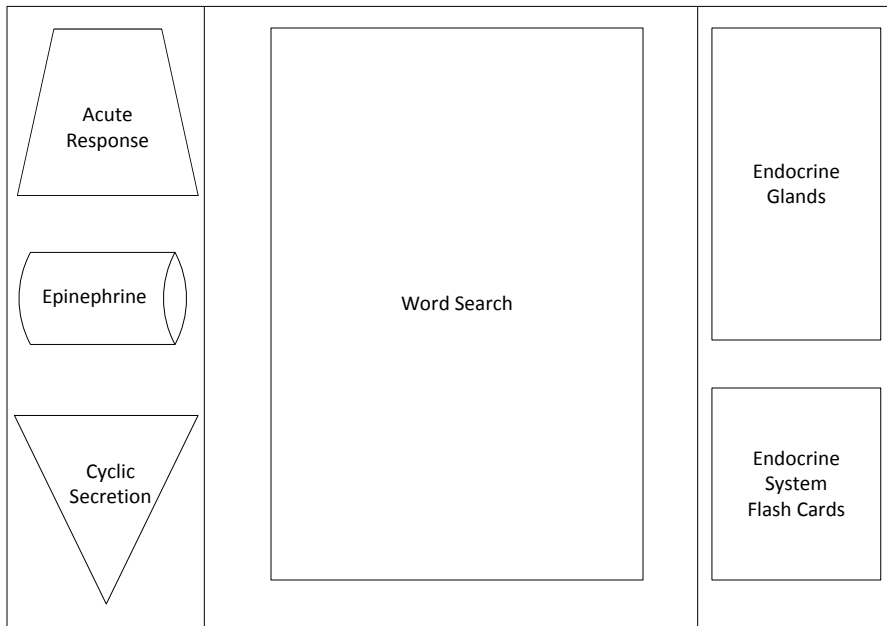
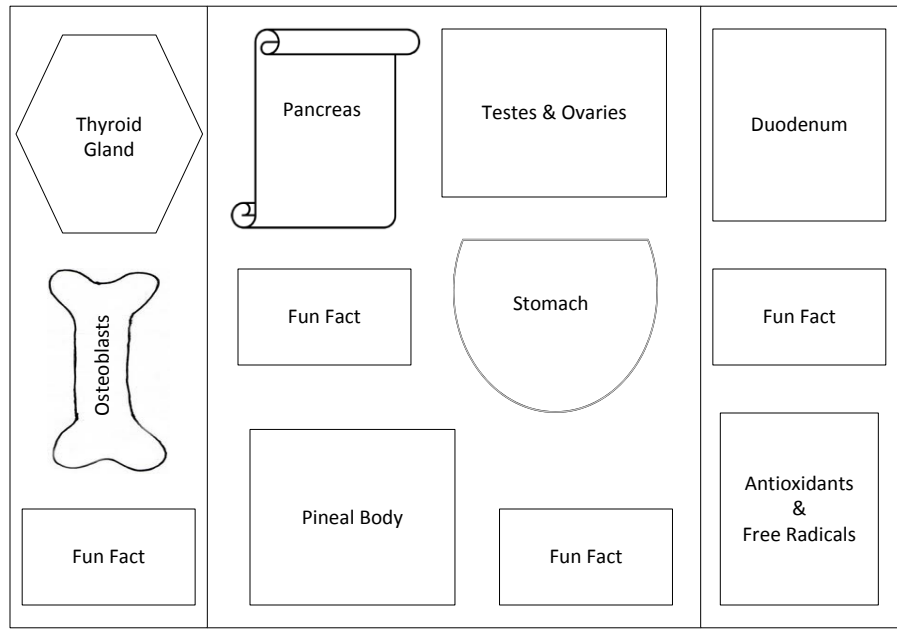
You will need 3 folders of any color. For each folder, you will fold both sides toward the original middle fold and make firm creases on these folds (Figure 1). Then glue the folders together along one flap (Figure 2).



This is the "Layout" for your lapbook. The shapes are not exact on the layout, but you will get the idea of where each booklet should go inside your lapbook.



Folder 2



Folder 3

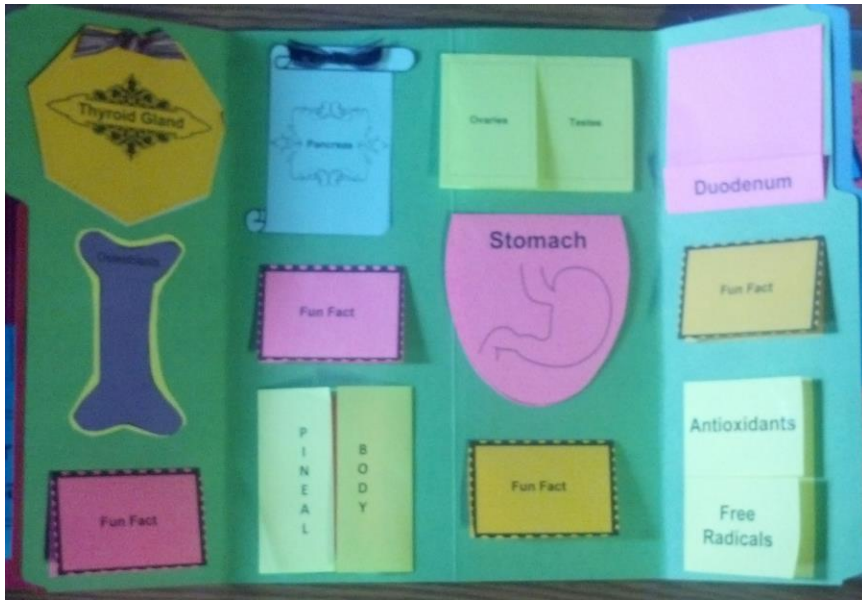


Below is a picture of a completed lapbook!!! This should help in figuring out how to assemble the booklets and then how to put them all together!



Folder 1

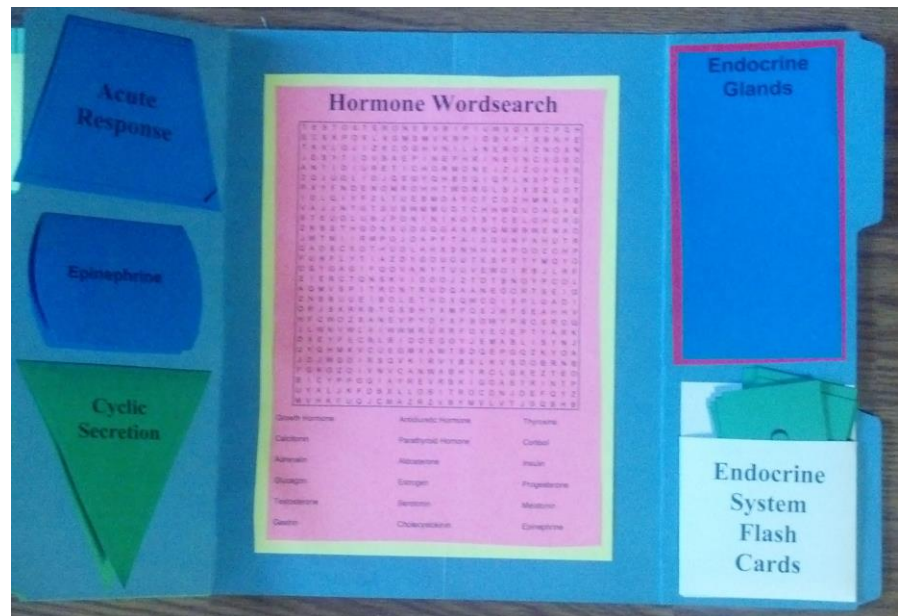




Folder 2



Folder 3



Endocrine System Lapbook

Student Instruction Guide

Booklet 1: Introduction to the Endocrine System

Assembly Instructions: Cut out along the outer black line edges of the booklet and the extra pages. Fold the booklet along the center line so that the title is on top. Stack the pages inside, and secure with staples on the left side.

Completion Instructions: Have you heard of the endocrine system? It doesn't get quite as much attention as some of the other body systems, but it is very important. Inside this booklet, explain its importance.

Booklet 2: Homeostasis

Assembly Instructions: Cut out along the outer black line edges of the booklet. Fold along the center line so that the title is on the front.

Completion Instructions: Inside this booklet, explain what this word means.

Booklet 3: Hormones

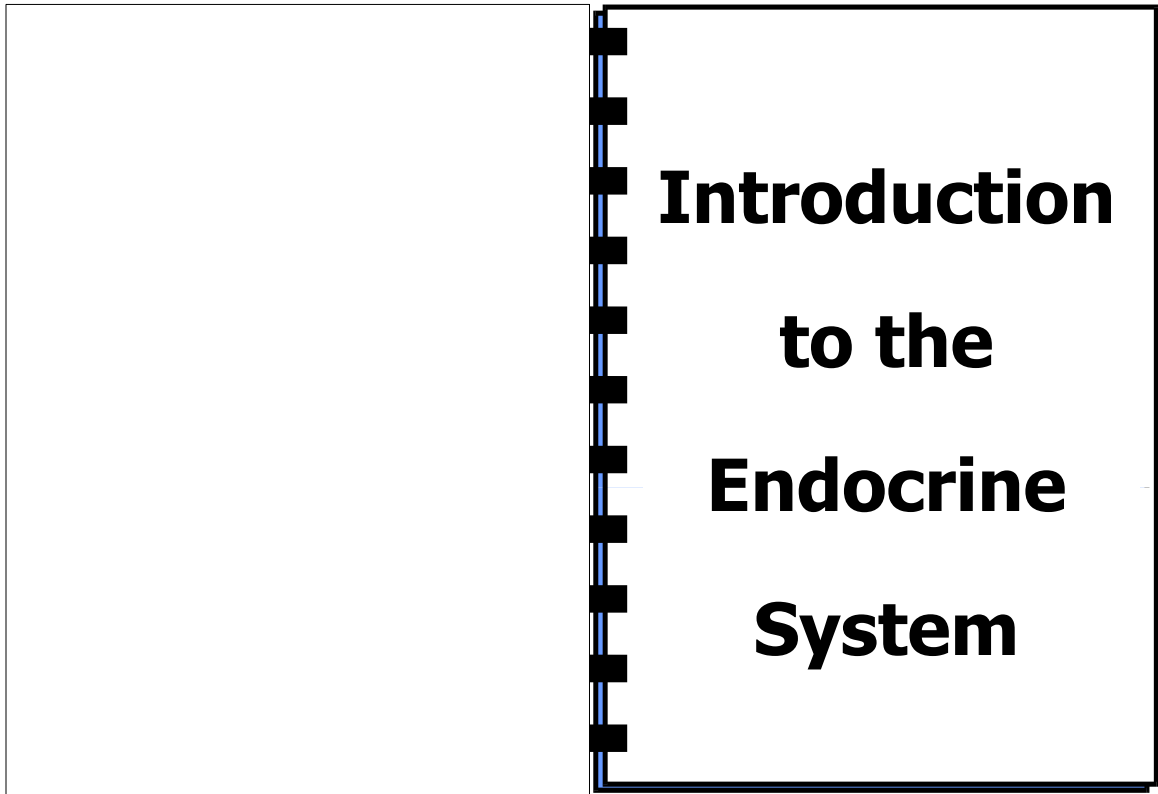
Assembly Instructions: Cut out along the outer black line edges of the booklet. Fold along the center line so that the title is on the front.

Completion Instructions: Inside this booklet, explain what hormones are and how they help us.

Booklet 4: Endocrine Glands

Assembly Instructions: Cut out along the outer black line edges of the booklet. Fold along the center line so that the title is on the front.

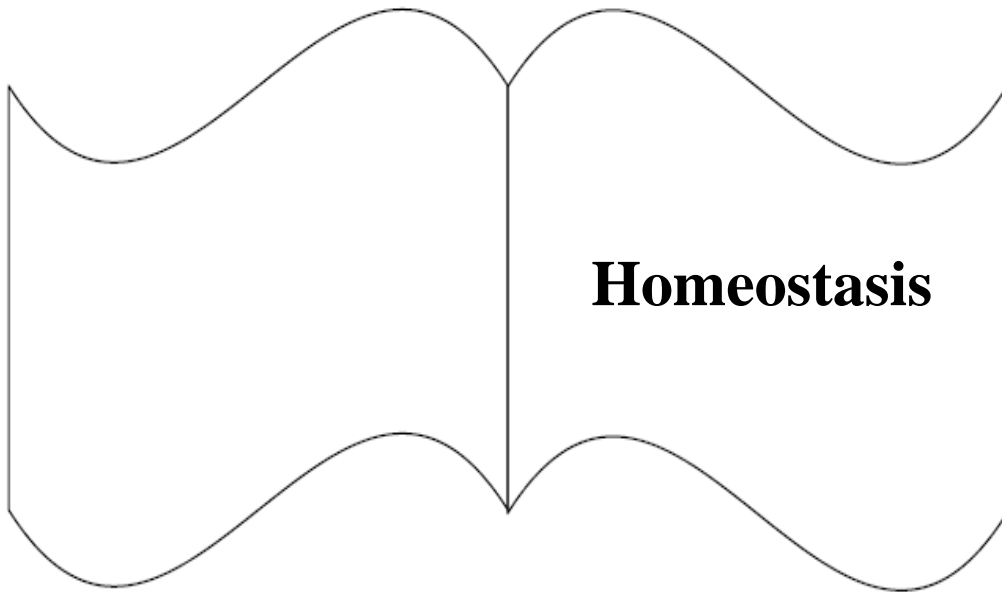
Completion Instructions: There are many different endocrine glands throughout your body. Explain their jobs inside this booklet.



The endocrine system plays an important part in keeping your body in a state of

It often works together with the

Once an organ secretes a hormone...





Blank space for notes.

Size & Location

Blank space for notes.

GH

Blank space for notes.

ADH

Blank space for notes.

Beta-endorphin

The Endocrine System

Lapbook

Teacher's/Study Guide

Introduction

You may have never heard of the endocrine system. Usually the “bigger” systems, like the digestive system and the respiratory system, get most of the attention. The endocrine system, while very important, often gets overlooked.

The endocrine system plays an important part in keeping your body in a state of homeostasis, which means it regulates your body and keeps it stable. It does this by causing your body to secrete special chemicals called hormones. It often works together with the nervous system.

Once an organ secretes a hormone it's deposited into your blood stream and the blood then carries the hormone to the area of your body that needs to be stabilized.

And it does all of this work without your having to give it any conscious thought! It's a fascinating system indeed.

Hormones

You may be wondering how the hormones affect only the cells they need to. After all if they are circulating in the blood stream they come into contact with every tissue in the body. How do they know which tissues and organs they need to help?

Each cell has receptors on them for certain hormones. While every hormone that is circulating in your body comes into contact with all of your cells, only the cells with a receptor for the specific hormone it needs will respond to it.

Endocrine Glands

There are many different endocrine glands throughout your body. Their job is to produce and sometimes store hormones. These endocrine glands release the hormones only when your body needs them.

Once the hormones are released into your bloodstream and interact with the correct cells, then your body receives feedback. Do those cells still need the hormone? If