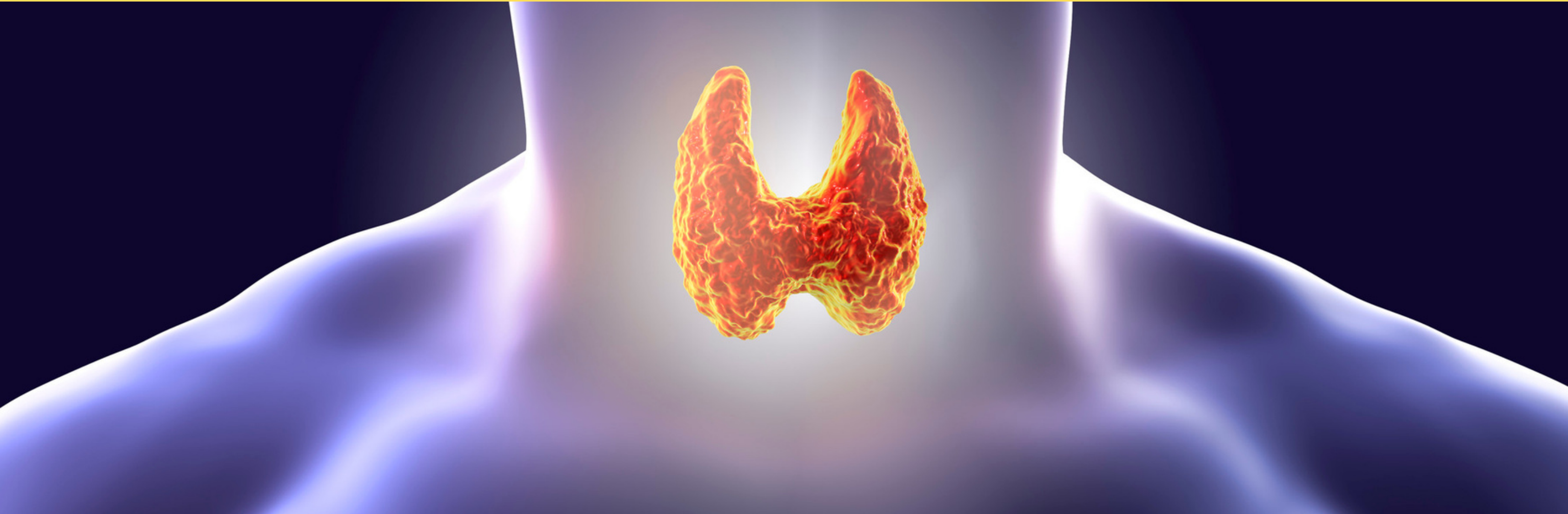


# ENDOCRINE SYSTEM



**INCLUDES GOOGLE SLIDES**



## For students who:

- are emerging or non-readers
- take alternate assessments
- are in special education
- short-attention span
- lack pre-requisite skills
- benefit from the use of pictures for support
- middle/high school

# Endocrine System Unit

By  
Christa Joy  
Special Needs for Special Kids



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57-67	Assessment
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Also included in this resource as separate files:

- Lesson plans
- Links and directions to digital activities
- PowerPoint (this is the book in the lesson plans)
- Voice recorded PowerPoint
- Activities in black and white

This unit contains **10 days** of material. But, don't worry!! I have included a lesson plan to help you make the most of everything packed in this unit.

This unit comes in 2 separate files, one in color and one in black and white.

***This resource comes in a zipped folder. You will need to unzip the folder to access all the contents which include:***

- ***10 days of lesson plans***
- ***Activities in color***
- ***Activities in black and white***
- ***Voice-recorded PowerPoint show***
- ***Endocrine System book (PowerPoint) to use with activities***
- ***Links and directions to digital activities***

## Day 8

Activity	Notes	Materials
Read or listen to a recording of the book (10 minutes)	<ul style="list-style-type: none"><li>• Read through the story, asking lots of questions</li><li>• Continue to make connections between book and vocabulary board</li></ul>	<ul style="list-style-type: none"><li>• Book</li><li>• Vocabulary board</li></ul>
Vocabulary cards Speed Matching (10 minutes)	<ul style="list-style-type: none"><li>• place all the cards in the middle of the table</li><li>• hold up a card, and the students race to find it in the pile in the middle of the table</li><li>• NOTE: for students with physical challenges, allow them to simply find the symbol on their board or communication device</li></ul>	<ul style="list-style-type: none"><li>• Vocabulary cards (extra sets)</li></ul>
Close worksheet (10 minutes)	<ul style="list-style-type: none"><li>• Do the close worksheets that are an overview of the endocrine system</li><li>• Use color coding as needed</li><li>• Students should be able to refer to book or vocabulary cards as needed to find answers</li></ul>	<ul style="list-style-type: none"><li>• Close worksheets</li><li>• Scissors</li><li>• Glue</li><li>• Book</li><li>• Vocabulary cards</li></ul>
Sharing (10 minutes)	<ul style="list-style-type: none"><li>• Each student shares their finished close worksheet</li></ul>	<ul style="list-style-type: none"><li>• Completed activity</li><li>• Communication devices</li></ul>

There is a detailed lesson plan with:

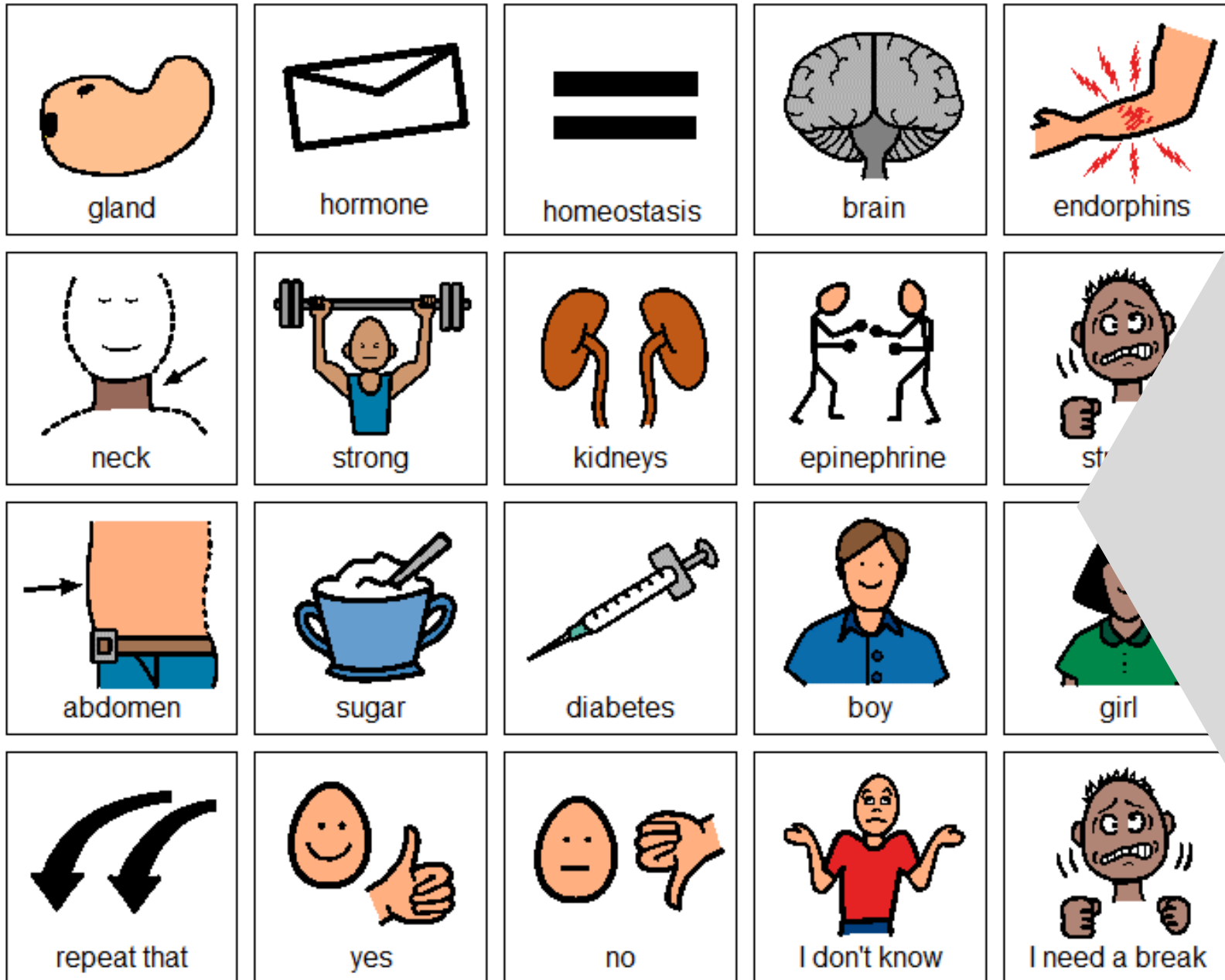
- suggestions
- overview
- daily step-by-step guide

The **adrenal gland** releases **epinephrine** when you are really stressed which causes your heart rate and blood pressure to increase. When these increase, you are ready to either run away or defend yourself.



*This unit contains a 39 page book with simple text on the Endocrine System.*

*It comes in a PowerPoint version as well as a voice-recorded PowerPoint (so you don't have to print it out.) There is also a movie version you can use in google slides.*



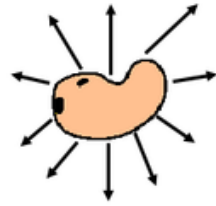
This unit comes with a vocabulary board.

Vocabulary boards are great for ALL students to assist with participation and engagement in group discussions.

Tips on how to use in the unit!!

### glands

Special organs that release hormones.



### hormones

Chemical messengers in the endocrine system.



### pancreas

Gland in the abdomen that releases insulin to tell cells there is sugar in the bloodstream.



### insulin

Hormone released by pancreas that tells cells there is sugar in the bloodstream.



### hypothalamus

Gland in the brain that links the nervous and endocrine systems.



### pituitary gland

Master gland that tells all the other glands in the endocrine system what to do.



### diabetes

Disease where the pancreas does not make enough insulin.



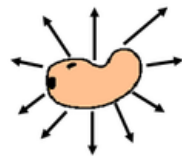
### hypothalamus

When all the glands in the endocrine system work together, they help the body stay healthy.

This unit comes with 12 vocabulary cards.

Every day students will do a group activity using these cards to get more familiar with words that are likely new to them.

### glands



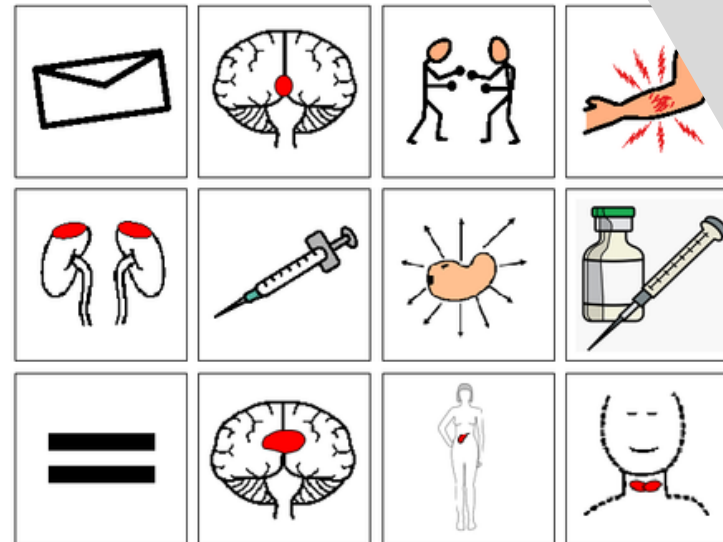
### hormones



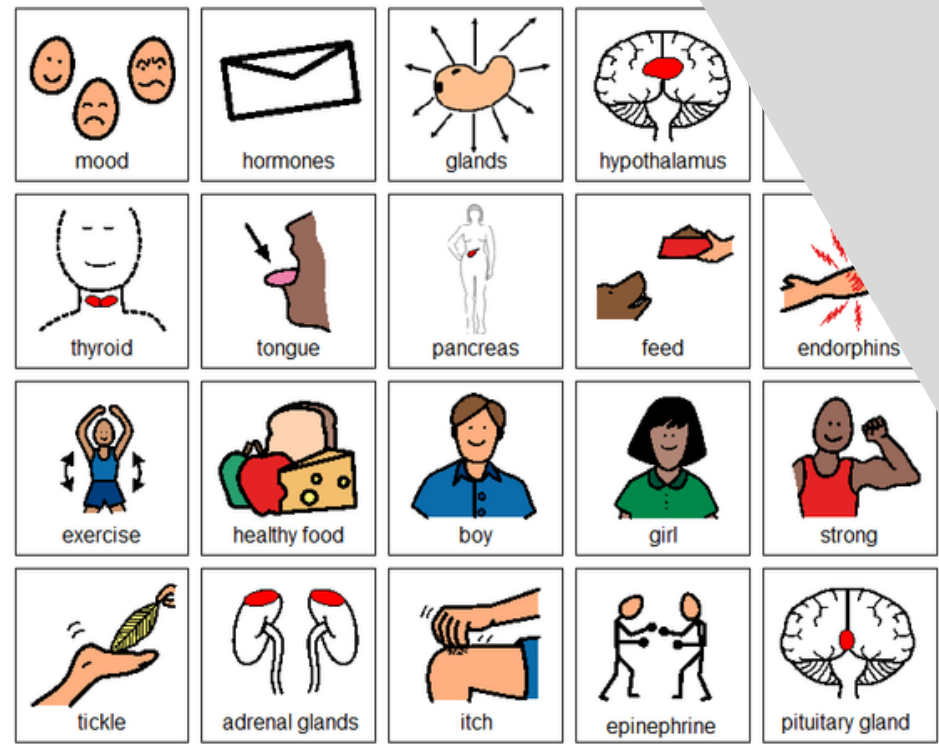
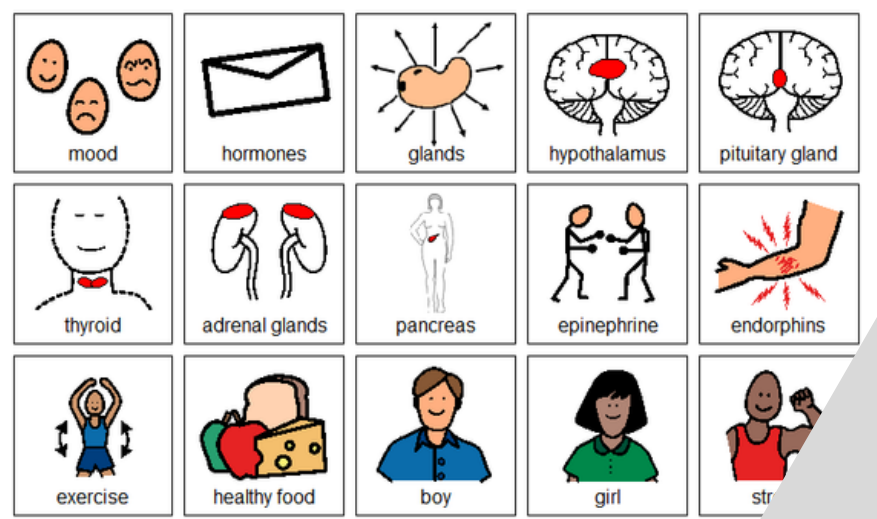
### hypothalamus



### pituitary gland







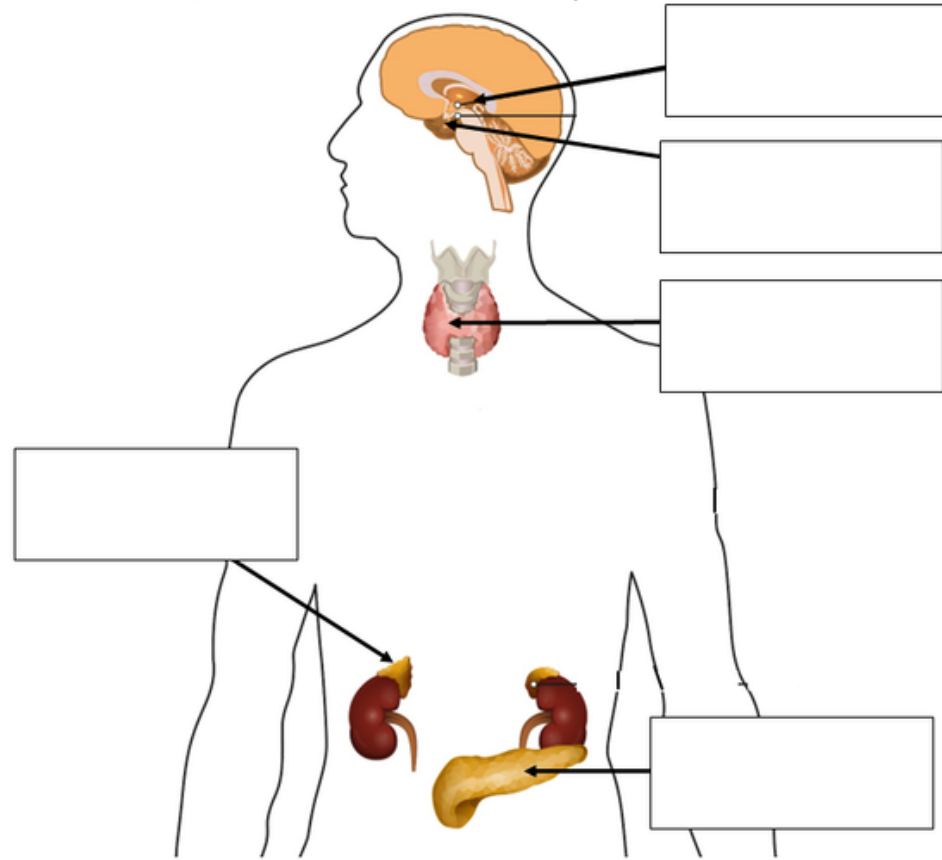
There are 2 circle maps in this unit.

- Endocrine System
- Diabetes

This circle map is a great way for students to see a the concept at a glance. There are 2 versions:

- One is errorless
- One has wrong answers mixed in students will have to set aside

Label the parts of the endocrine system.



adrenal gland

pancreas

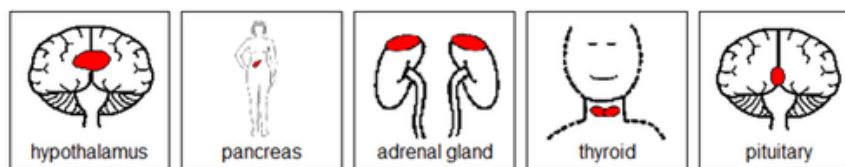
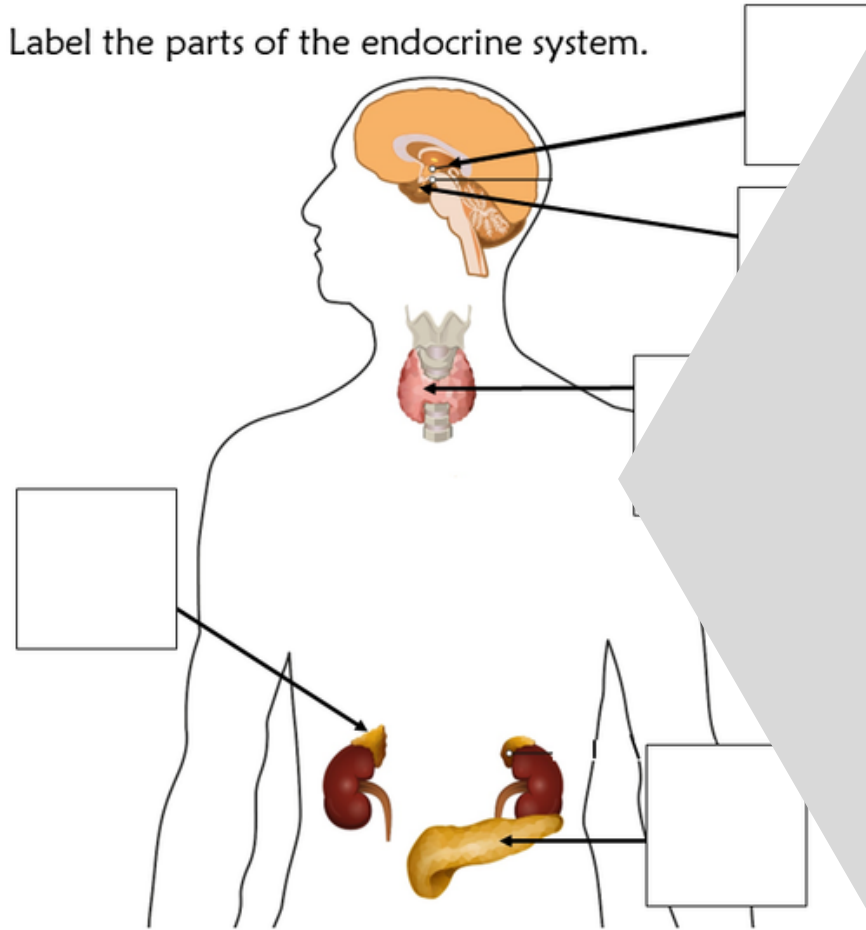
hypothalamus

pituitary

thyroid

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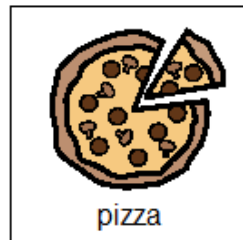
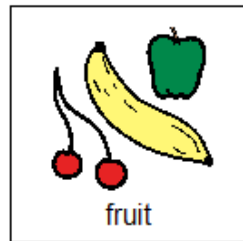
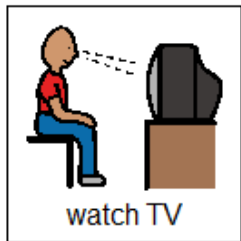
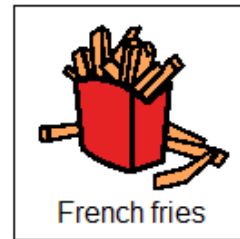
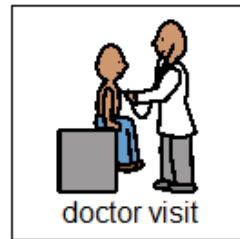
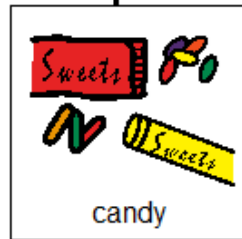
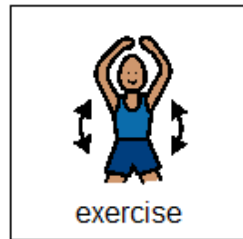
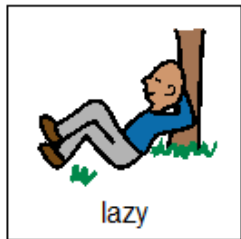
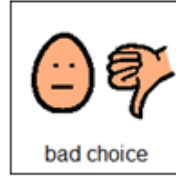
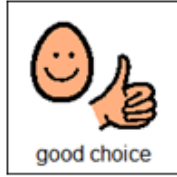
Label the parts of the endocrine system.



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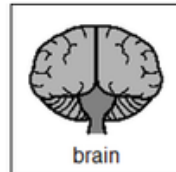
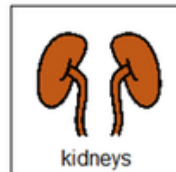
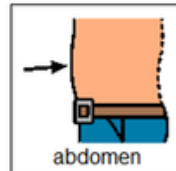
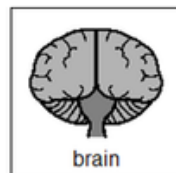
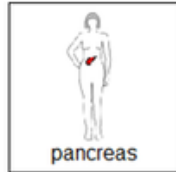
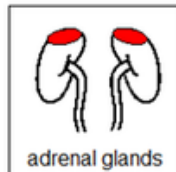
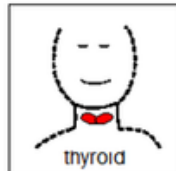
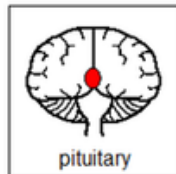
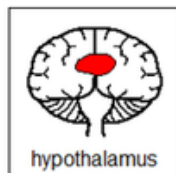
Students will label the main components of the endocrine system using either just words or picture symbols.

Differentiated versions using color are included.

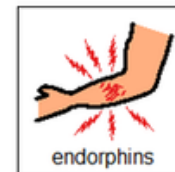
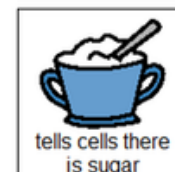
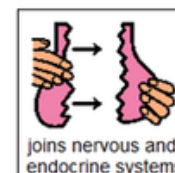
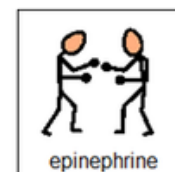
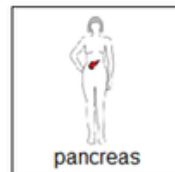
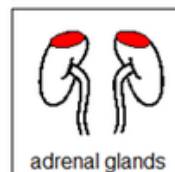
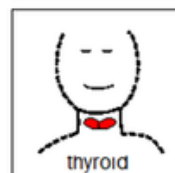
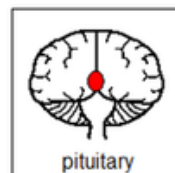
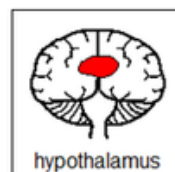


There is a sorting activity included. Here, students will sort good vs bad ways to take care of their endocrine system. (These are reviewed in the book.)

Draw a line from the gland to where it is located on the body.

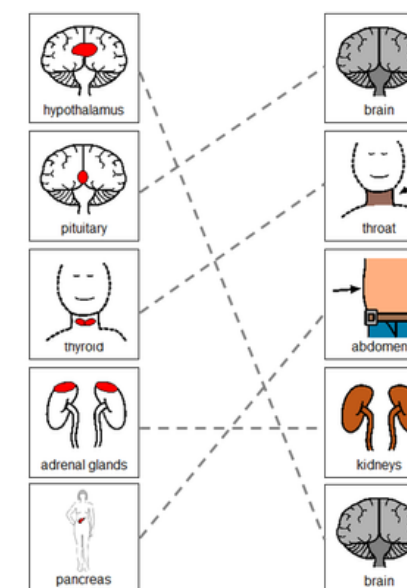


Draw a line from the gland to where it is located on the body.

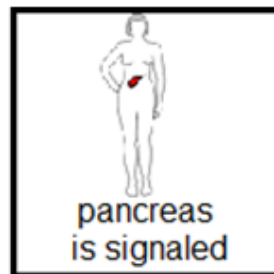
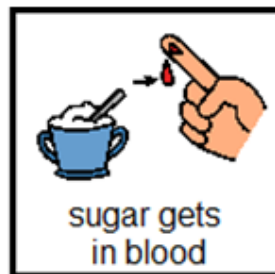
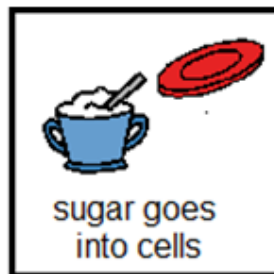
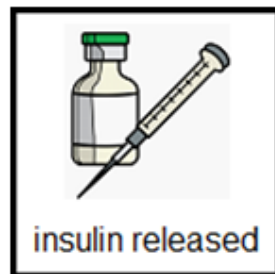
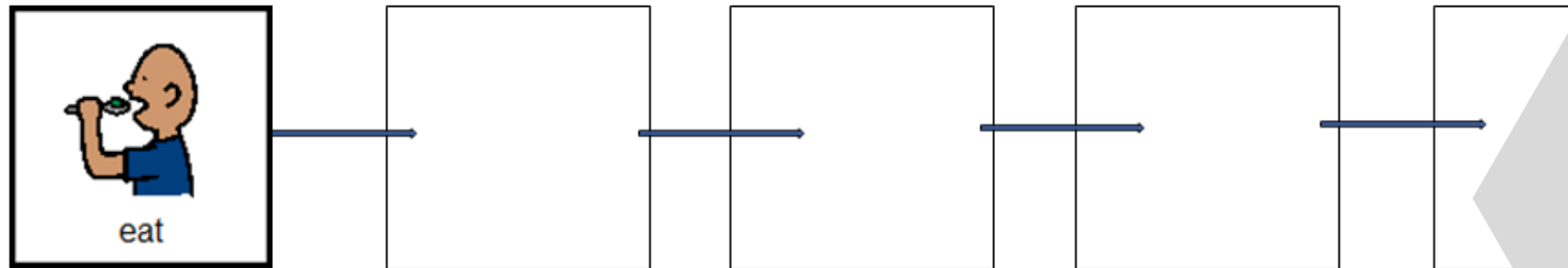


The are 2 matching activities in this unit. Each has a differentiated version with dashed lines to trace.

Draw a line from the gland to where it is located on the body.









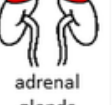
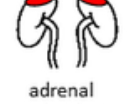




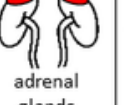


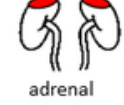




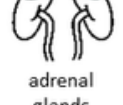

Sequence how sugar is used by the body. Place the X where diabetes causes a problem.






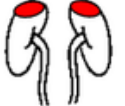




There is a sequencing activity included.

- How sugar gets into the cell.
- Add the X where diabetes interferes with that process.

# Endocrine System


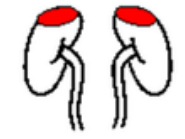
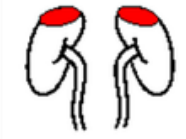




 diabetes		 homeostasis			 pituitary
		 endorphins	 diabetes	 homeostasis	 adrenal glands
 adrenal glands	 endorphins	 hormones			
 homeostasis	 pituitary		 adrenal glands	 hormones	 endorphins
		 adrenal glands	 homeostasis	 pituitary	 hormones
	 homeostasis			 adrenal glands	 diabetes

# Endocrine System

 pituitary			 diabetes
	 endorphins	 adrenal glands	 pituitary
 endorphins			
	 pituitary		 endorphins

There is a Sudoku puzzle in this unit as well. This is a great way to work with the new vocabulary!!

There are 2 versions plus answer keys.

 pituitary	 adrenal glands	 adrenal glands	 endorphins
 diabetes	 diabetes	 diabetes	

## Endocrine System

E N D O R P H I N S A B K Q M  
 V B P T K Q S G F I D U L K H  
 H Y T E P I N E P H R I N E Y  
 L G H F I U N S I E E Z F X P  
 M R Y H T D P B N R N T P G O  
 J K R O U G A M S Y A F W L T  
 R T O M I P N L U N L L J A H  
 I D I E T B C K L T G H C N A  
 S I D O A Z R D I Q L A B D L  
 F A I S R V E L N K A Y B S A  
 H B F T Y L A M V R N H N H M  
 M E J A Z B S H G Y D W V V U  
 N T B S Y S R E H K S D T A S  
 B E G I G F H O R M O N E S M  
 V S E S N E N D O C R I N E R

adrenal glands	hypothalamus	epinephrine	endocrine
endorphins	pituitary	hormones	homeosta
pancreas	thyroid	diabetes	insulin
glands			

## Endocrine System

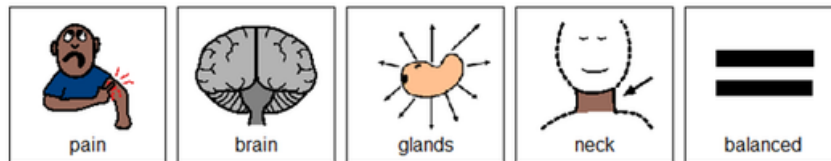
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 V B P T K Q S G F I D U L K H  
 H Y T E P I N E P H R I N E Y  
 L G H F I U N S I E E Z F X P  
 M R Y H T D P B N R N T P G O  
 J K R O U G A M S Y A F W L T  
 R T O M I P N L U N L L J A H  
 I D I E T B C K L T G H C N A  
 S I D O A Z R D I Q L A B D L  
 F A I S R V E L N K A Y B S A  
 H B F T Y L A M V R N H N H M  
 M E J A Z B S H G Y D W V V U  
 N T B S Y S R E H K S D T A S  
 B E G I G F H O R M O N E S M  
 V S E S N E N D O C R I N E R

adrenal glands	hypothalamus	epinephrine	endocrine
endorphins	pituitary	hormones	homeostasis
pancreas	thyroid	diabetes	insulin
glands			

There is also a word search to work with vocabulary. If your students cannot do a word search, have them highlight the circle words on the answer key.

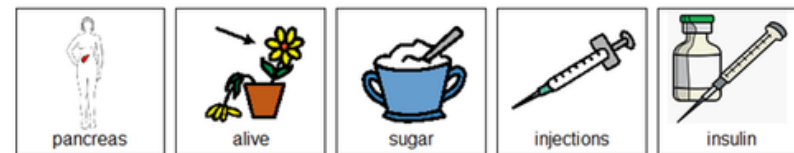
## The Endocrine System

1. The endocrine system is made up of  that secrete hormones.
2. The endocrine system tries to keep the body .
3. The hypothalamus and pituitary gland are in the .
4. The pituitary gland releases endorphins that help block .
5. The thyroid is in the  and helps regulate cell energy.



## Diabetes

1. Diabetes occurs when your  is not working right.
2. Not having enough  causes diabetes.
3. Insulin tells the cells there is  available.
4. Sugar keeps your cells .
5. People who have diabetes have to take  of insulin.



Close worksheet are a great informal assessment. This unit has 2 as an overview and one on diabetes.

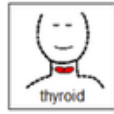
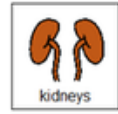
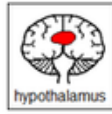
Answer key included.



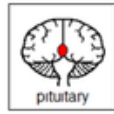
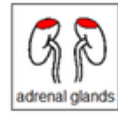
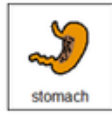
1. What do the glands in the endocrine system release?



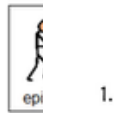
2. This gland connects the nervous and the endocrine systems.



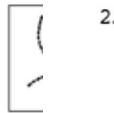
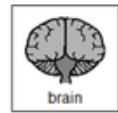
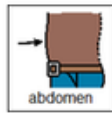
3. This gland is called the master glands and tells the rest of the endocrine system what to do.



4. What does the pituitary gland release that helps block pain?



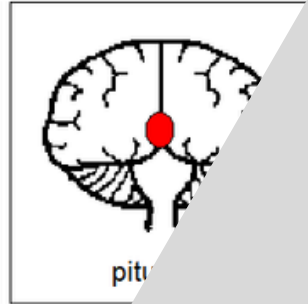
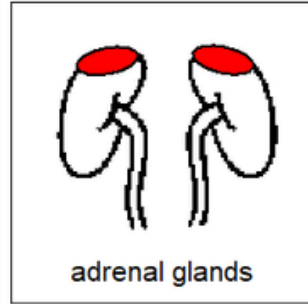
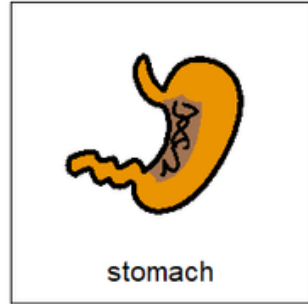
5. The thyroid is an endocrine gland located in the:



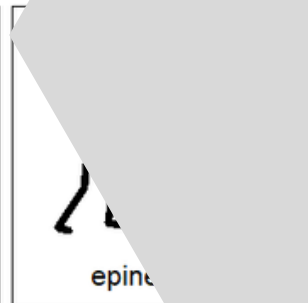
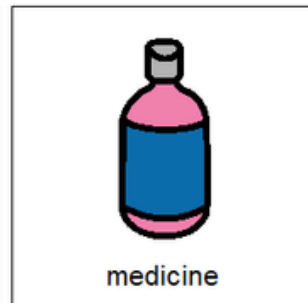
1. What do the glands in the endocrine system release?
  - A. Sugar
  - B. Hormones
  - C. blood
2. This gland connects the nervous and the endocrine systems.
  - A. Hypothalamus
  - B. Kidneys
  - C. thyroid
3. This gland is called the master glands and tells the rest of the endocrine system what to do.
  - A. Stomach
  - B. Adrenal glands
  - C. pituitary
4. What does the pituitary gland release that helps block pain?
  - A. Endorphins
  - B. Medicine
  - C. epinephrine
5. The thyroid is an endocrine gland located in the:
  - A. Abdomen
  - B. Brain
  - C. Neck
6. What does the pancreas release that tells cells there is sugar in the blood stream?
  - A. Insulin
  - B. Electricity
  - C. blood

Print onto cardstock or mount on index cards. Cut pictures apart and show student answer choices for each question.

Q 3



Q 4



FINALLY the assessment!! There are 3 versions. This version has 10 questions with 3 picture choices for each question.

Answer key included.

- *This unit includes digital versions of the activities. These simply require the student to click and drag the answers. There is no drawing or typing involved.*
- *There are 2 complete sets of slides. One set is differentiated using color.*

**Make great independent learning centers.**

Watch the movie  
on the Endocrine  
System

The **adrenal gland** releases **epinephrine** when you are really stressed which causes your heart rate and blood pressure to increase. When these increase you are ready to either run away or defend yourself.

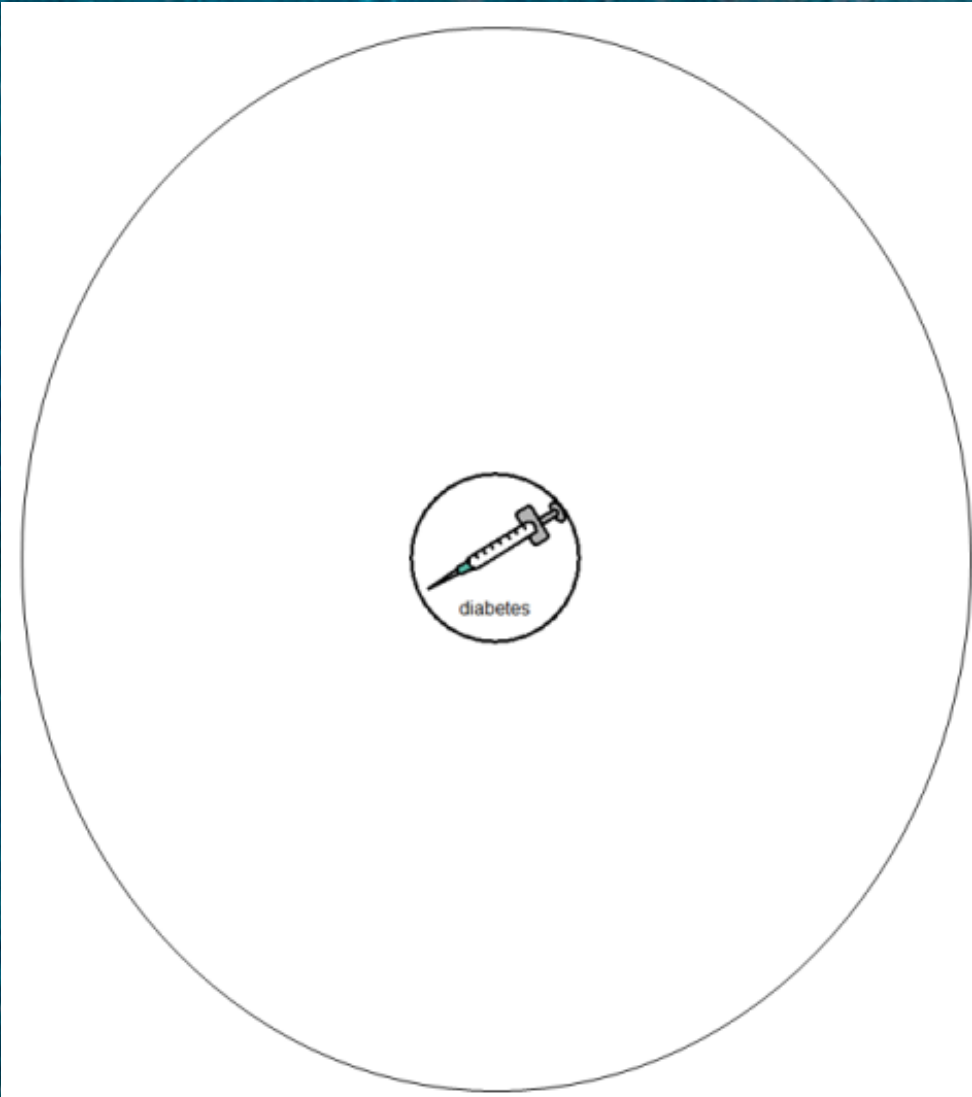


Christa Joy, Special Needs for Special Kids

*This unit also includes digital versions of the activities.*

*Students can watch a movie book version of the book rather than printing it out.*

**Use for more review.**

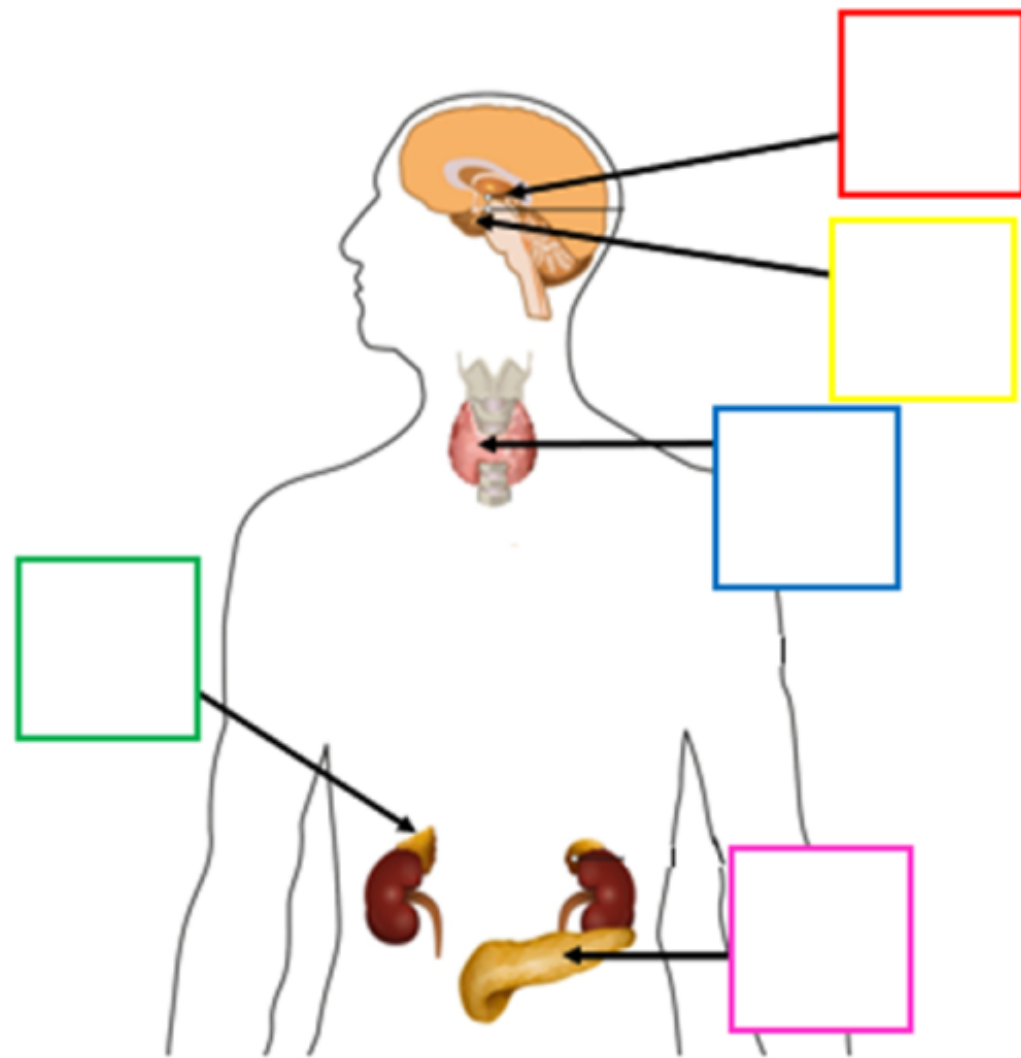


Place the pictures in the circle map about diab

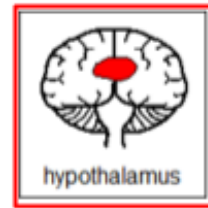


Each activity is set up so students can click and drag answers. No typing is required.

**Perfect for any learning level.**



Label the parts of the endocrine system



Christa Joy, Special Needs for Special Kids  
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The second set of slides uses color for differentiation and extra support for students who may need it. Mix and match slides from both sets to make the perfect set for each student.

**Save money and get this as part of the Human Anatomy Bundle: Advanced Systems.**

**Also includes:**

- **Integumentary System**
- **Urinary/Reproductive System**
- **Circulatory System**
- **Immune System**
- **5 Senses**

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