An anatomical illustration of a human torso, showing the muscles and internal organs. The illustration is overlaid with a complex digital network of lines and nodes, suggesting a connection between anatomy and technology. The background is dark with glowing blue and purple light effects.

**5
ADVANCED
SYSTEMS**

ANATOMY 2

5 UNITS 11 WEEKS

ALSO INCLUDES GOOGLE SLIDES

**JOY
2
TEACH**



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

Why you need this bundle:

- If you teach multiple grade levels, you have all you need in one place.
- Having the same layout for each unit **reduces students' anxiety** and allows them to focus on the content.
- **Aligned with most extended learning standards.**
- **Saves you money**
- **Saves you time.**

A 3D anatomical model of a human male torso, showing muscles and internal organs, overlaid with a digital network of glowing blue and purple lines and nodes. The background is dark with a subtle grid pattern.

This bundle includes 5 different human body systems. It includes:

1. Circulatory (2 weeks)
2. Endocrine (3 weeks)
3. Immune (2 weeks)
4. Integumentary (3 weeks)
5. Urinary & Reproductive (2 weeks)

All units have
printable
AND digital
versions

All the units contain similar activities so students become familiar with the format and can concentrate more on the content. Although there is some variation, each unit has:

- Detailed lesson plans
- A book PLUS a pre-recorded PowerPoint show and movie version
- Vocabulary board to increase engagement and participation
- Vocabulary Cards
- Circle maps
- Sorting activities
- Labeling activities
- Matching activities
- Vocabulary puzzles
- Close worksheets (fill in the blank)
- Assessments (3 versions)

All units have
printable
AND digital
versions

Table of Contents

Pages	Activity
4-37	Integumentary System
38-40	Vocabulary board
41-47	Vocabulary cards
48-60	Vocabulary cut and paste
61-66	Circle map
67-71	Labeling the layers
72-76	Sorting characteristics
77-89	Vocabulary Sudoku
90-91	Vocabulary Word search
92-97	Cloze worksheets
98-115	Assessment
116-132	Protecting your skin from the sun
133-138	Ways to protect your skin circle map
139-140	Terms of Use

Each unit has many activities. A separate file has directions and links to the digital activities.

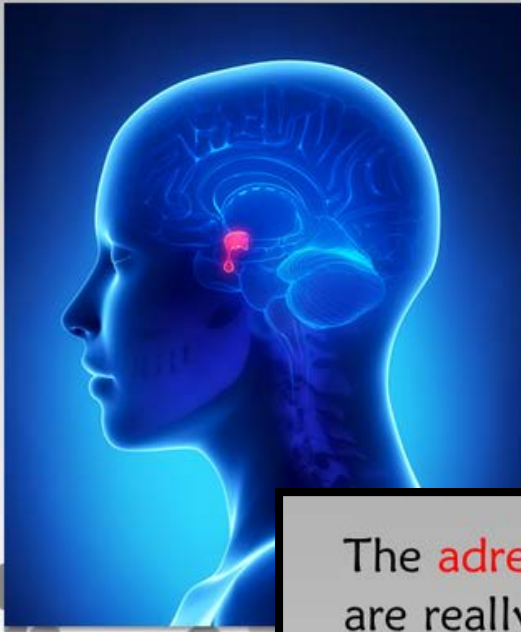
Day 3

Activity	Notes	Materials
Read or listen to a recording of the book (10 minutes)	<ul style="list-style-type: none">• Read through the story, asking lots of questions• Continue to make connections between book and vocabulary board	<ul style="list-style-type: none">• Book• Vocabulary board
Vocabulary cards I Spy Game (10 minutes)	<ul style="list-style-type: none">• I play this game see description on day 2• Today, try to give clues about the card your student needs to find<ul style="list-style-type: none">◦ Read definition◦ Show real photo that relates to card from book◦ Describe the picture• Discuss relevant points on the card<ul style="list-style-type: none">◦ You can also play this game in this manner having them find the symbol on their vocabulary board	<ul style="list-style-type: none">• Vocabulary cards (student set and teacher set)• Vocabulary board
Circle map review (5 minutes)	Review the circle map completed yesterday	<ul style="list-style-type: none">• Circle map completed yesterday
Circle Map (10 minutes)	<ul style="list-style-type: none">• Do one of the circle maps on the senses (you will do 1 a day for the next 5 days)• Choose the best version (errorless or not) depending on the learning level of your students• Students cut out symbols and place in circle map• Make connections to the book as necessary	<ul style="list-style-type: none">• Circle map• Scissors• Glue
Sharing (10 minutes)	<ul style="list-style-type: none">• Each student shares their finished worksheet with the group using the communication method of their choice	<ul style="list-style-type: none">• Completed worksheet• Communication devices

Lesson plan

Every unit has a detailed lesson plan with suggestions, a quick look, and a daily step-by-step guide.

The **pituitary gland** is often called the master gland of the endocrine system because it tells all the other glands what hormones to release.



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Book

Every unit has a book with simple text and engaging photos. It comes in a:

- PowerPoint
- recorded PPT show
- mp4 file (movie)

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





 pathogens	 immunity	 lymphatic system	 soak up fluid	 white blood cell
 red blood cell	 antibody	 vaccine	 active immunity	 passive immunity
 filter	 healthy	 sick	 deficiency	 autoimmune
 repeat that	 yes	 no	 I don't know	 I need a break









Every unit has a vocabulary board to use while working through the unit. Suggestions for use are included.





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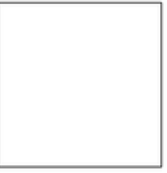

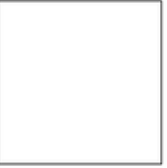
Vocabulary

Every unit has vocabulary cards. There are suggestions for daily group activities to review these new definitions.

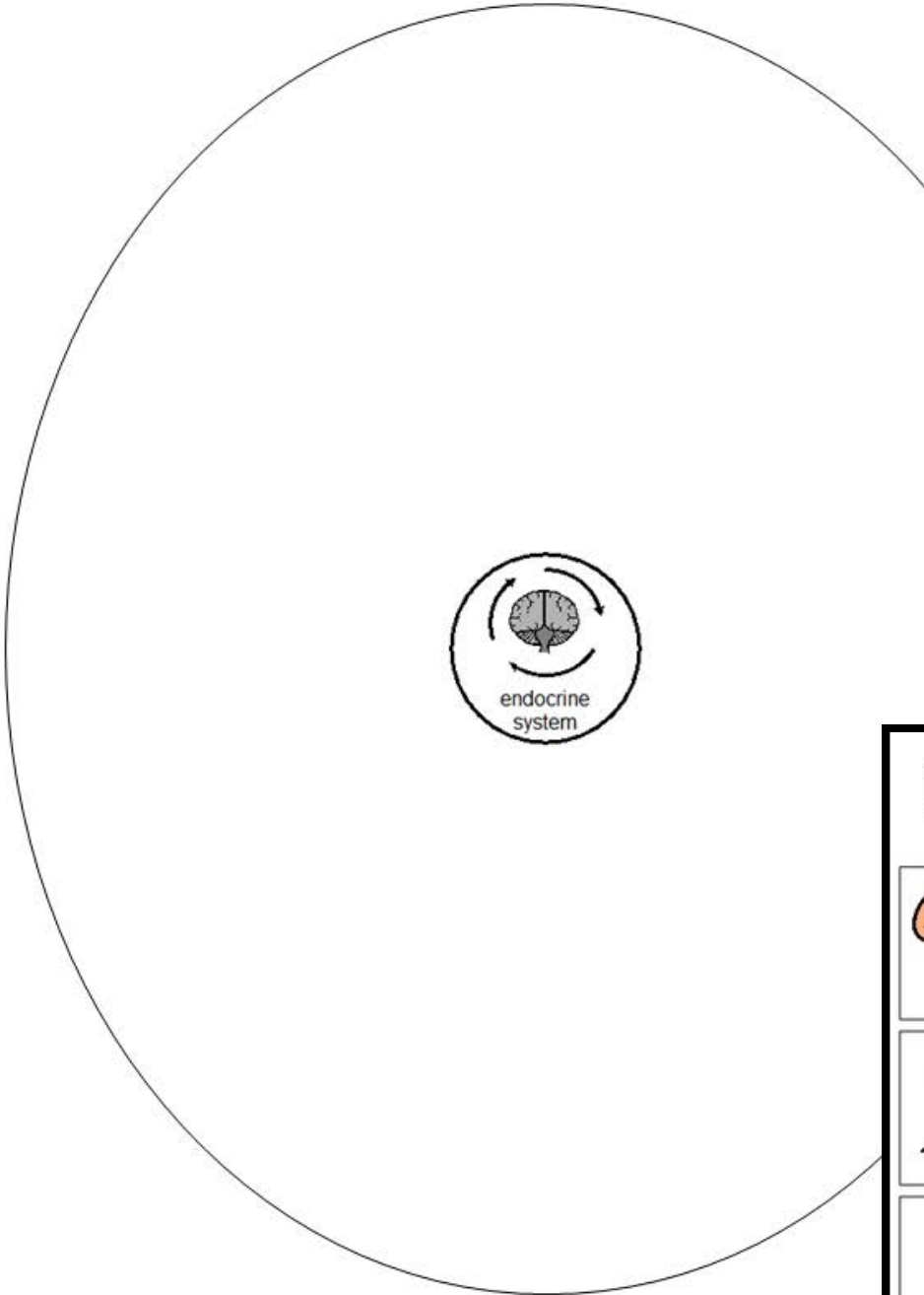
immunity Protection from things that could hurt you. 	pathogen Something that could make you sick like viruses, bacteria, or parasites. 
lymphatic system System of vessels that moves fluid and immune cells to the blood stream. 	spleen Organ in the abdomen that filters out damaged cells and makes immune cells. 

immunodeficiency 	autoimmune 
	
lymphocytes 	lymph 
	

antibody Large Y-shaped protein that attaches to and destroys pathogens. 	active immunity Immunity and antibodies that build over your life from begin exposed to germs. 
passive immunity Immunity and antibodies that you are born with from your mom. 	vaccine Contains killed version of the pathogen to create antibodies to a specific disease. 

thymus Gland in the chest that creates immune cells ONLY until you are a teenager. 	T-cells Found in the thymus and help get rid of infected and damaged cells. 
lymph nodes Glands in your neck and body that swell trap and the infected cells and pathogens. 	bone marrow In the center of bones where many of the cells of the immune system are made. 

circle maps



Errorless version

Cut apart pictures and place in circle map about the endocrine system.

mood	hormones	glands	hypothalamus	pituitary gland
thyroid	adrenal glands	pancreas	epinephrine	endorphins
exercise	healthy food	boy	girl	strong

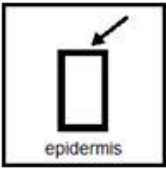
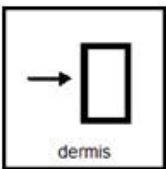
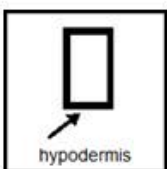













Cut apart pictures and place in circle map **ONLY IF** they relate to the endocrine system.

mood	hormones	glands	hypothalamus	eyes
thyroid	tongue	pancreas	feed	endorphins
exercise	healthy food	boy	girl	strong
tickle	adrenal glands	itch	epinephrine	pituitary gland

Each unit comes with 1-2 circle maps to visually review the main facts from the book. These come with an errorless option and an option with wrong answers mixed in.

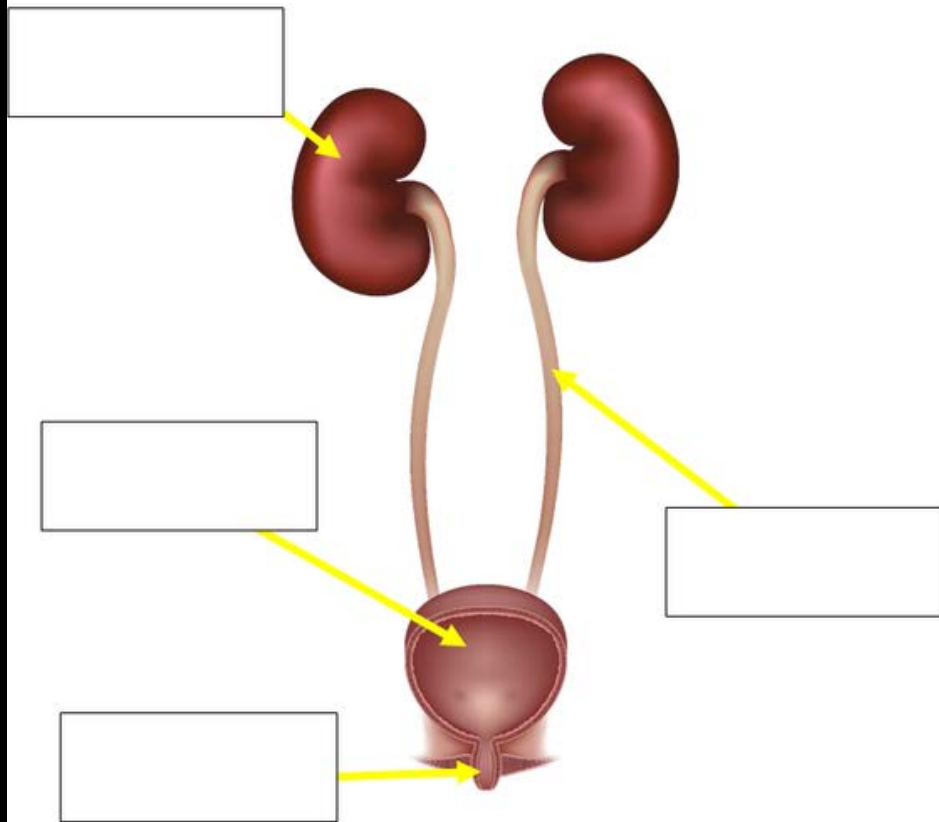
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sorting

 <p>epidermis</p>	 <p>dermis</p>	 <p>hypodermis</p>		
 <p>hair follicles</p>	 <p>sebum</p>	 <p>constantly replaced</p>	 <p>bottom layer</p>	 <p>melanin</p>
 <p>protects</p>	 <p>thick</p>	 <p>scar</p>	 <p>touch receptors</p>	
 <p>connects to muscle</p>	 <p>sweat glands</p>	 <p>connects to bone</p>	 <p>thin</p>	

Most units have sorting activities. There are suggestions for how to differentiate these quickly included.

Label the parts of the urinary system.

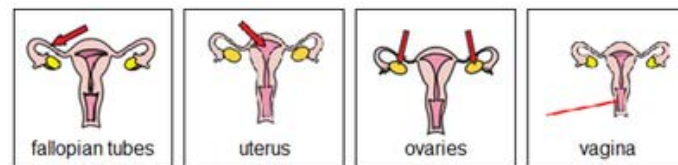
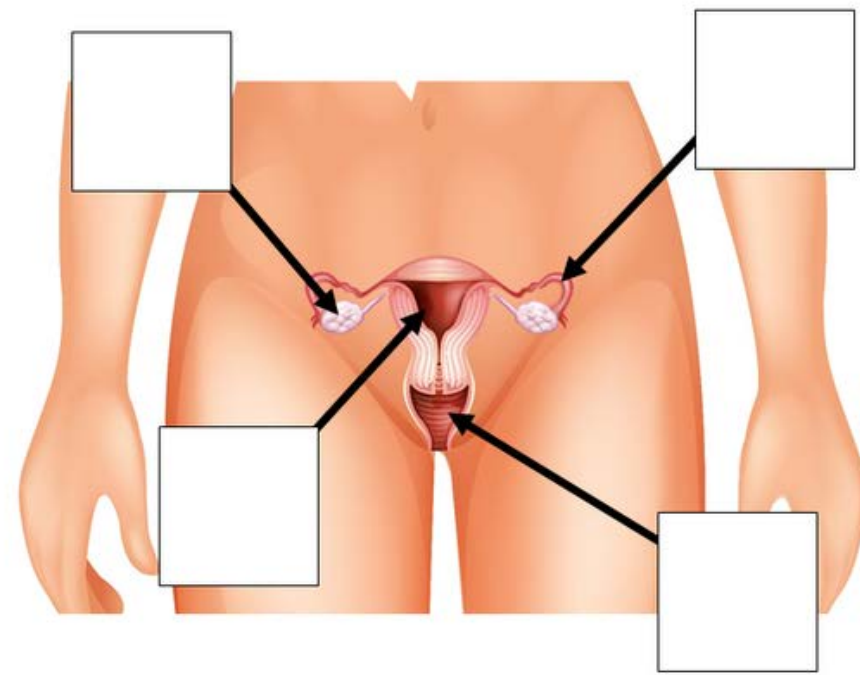


- | | |
|---------|---------|
| bladder | ureter |
| kidney | urethra |

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labeling

Label the parts of the female reproductive system.

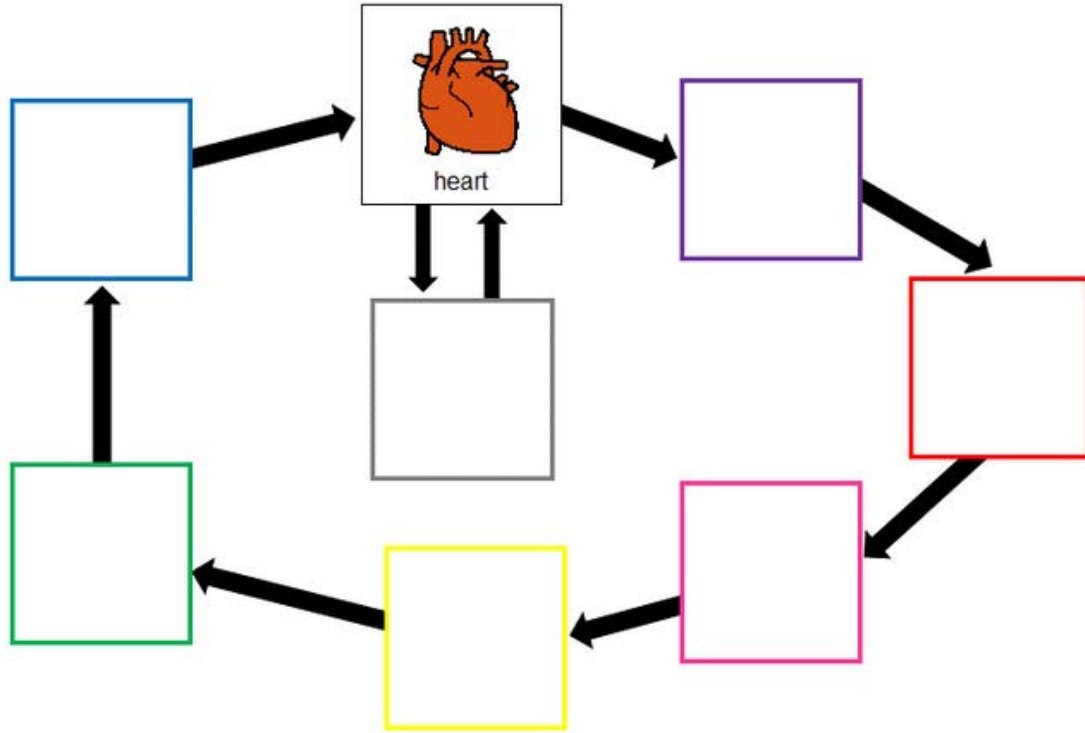


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Most units have labeling activities. There are suggestions for how to differentiate these quickly included.

Use the pictures on the last page to finish the sequence of how your blood flows through the body.

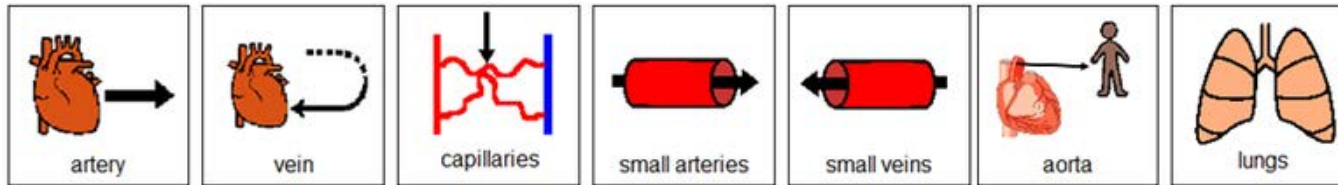
Level 2



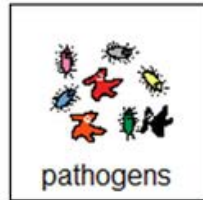
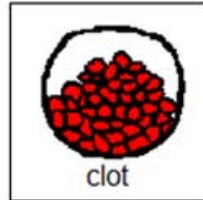
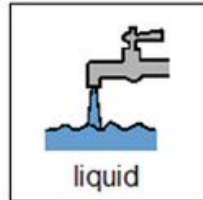
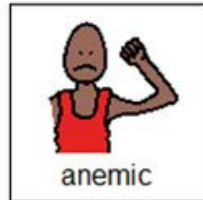
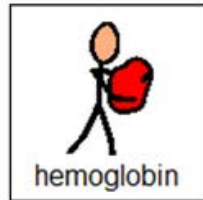
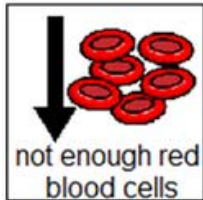
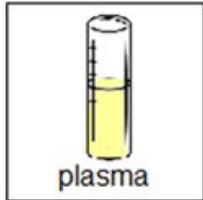
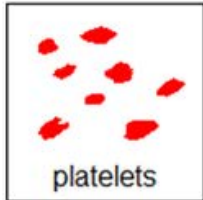
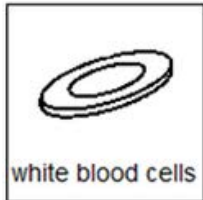
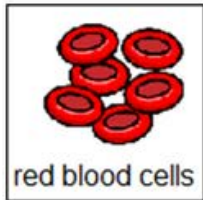
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sequencing

Some units have sequencing activities. There are suggestions for how to differentiate these quickly included.

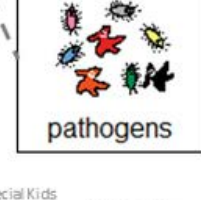
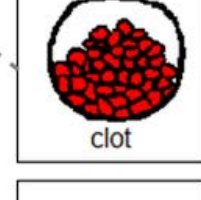
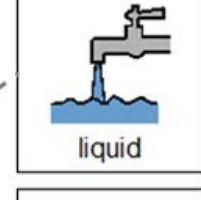
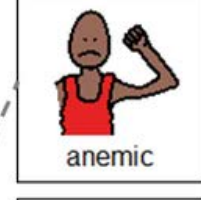
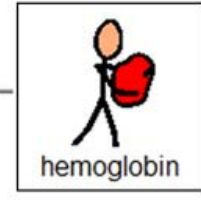
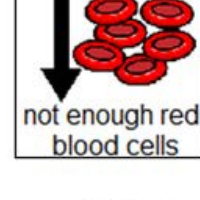
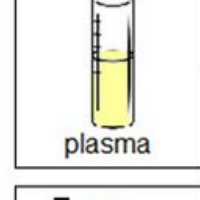
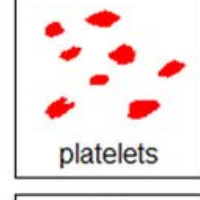
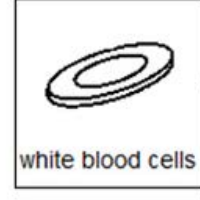
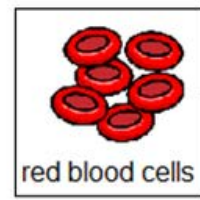


Draw a line and match the picture with on the left with something it is associated with on the right.



matching

Draw a line and match the picture with on the left with something it is associated with on the right.



Some units have matching activities. There are suggestions for how to differentiate these quickly included.

differentiated

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Review sheets

The Urinary System

1. The urinary system gets rid of waste from the body.

2. The are the main organs of the urinary system.

3. We each have kidneys, but can survive with .

4. One of the main jobs of the kidneys is to act as a .

5. The glomerulus is the filter inside the .



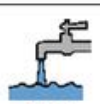
filter

2

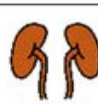
two



nephron



liquid



kidneys

1

one

The Reproductive System

1. The reproductive system is for boys and girls.

2. In boys, most of the reproductive organs are the body.

3. The main reproductive organ in men are the .

4. The testes are protected by the .

5. is produced in the testes and is the male sex cell.



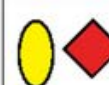
outside



testes



sperm



different



scrotum

All units include fill-in-the-blank worksheets to review concepts covered in the book and unit.

Version 1

1. What does the immune system protect you from?



smoke



pathogens



trash

2. Where does your passive immunity come from?



doctor



dad



mom

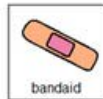
3. What can you get at the doctor that helps you build your active immunity?



vaccine

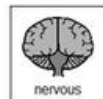


lollipop

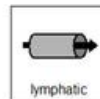


bandaid

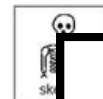
4. This system takes the extra fluid back to the blood stream.



nervous

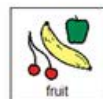


lymphatic

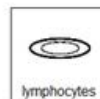


skeletal

5. These are special proteins that attach to and attack the pathogens.



fruit



lymphocytes



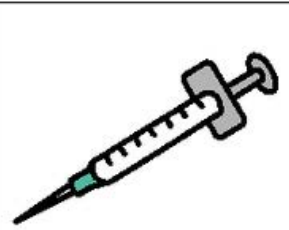
antibodies

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Version 2

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

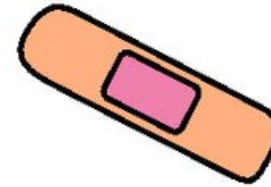
Q 3



vaccine



lollipop



bandaid

Q 4



lymphatic



skeletal

Version 3

1. What does the immune system protect you from?

- A. Smoke
- B. Pathogens
- C. trash

2. Where does your passive immunity come from?

- A. Doctor
- B. Dad
- C. Mom

3. What can you get at the doctor that helps you build your active immunity?

- A. Vaccine
- B. Lollipop
- C. bandaid

4. This system takes the extra fluid back to the blood stream.

- A. Nervous
- B. Lymphatic
- C. skeletal

5. These are special proteins that attach to and attack the pathogens.

- A. Fruit
- B. Lymphocytes
- C. antibodies

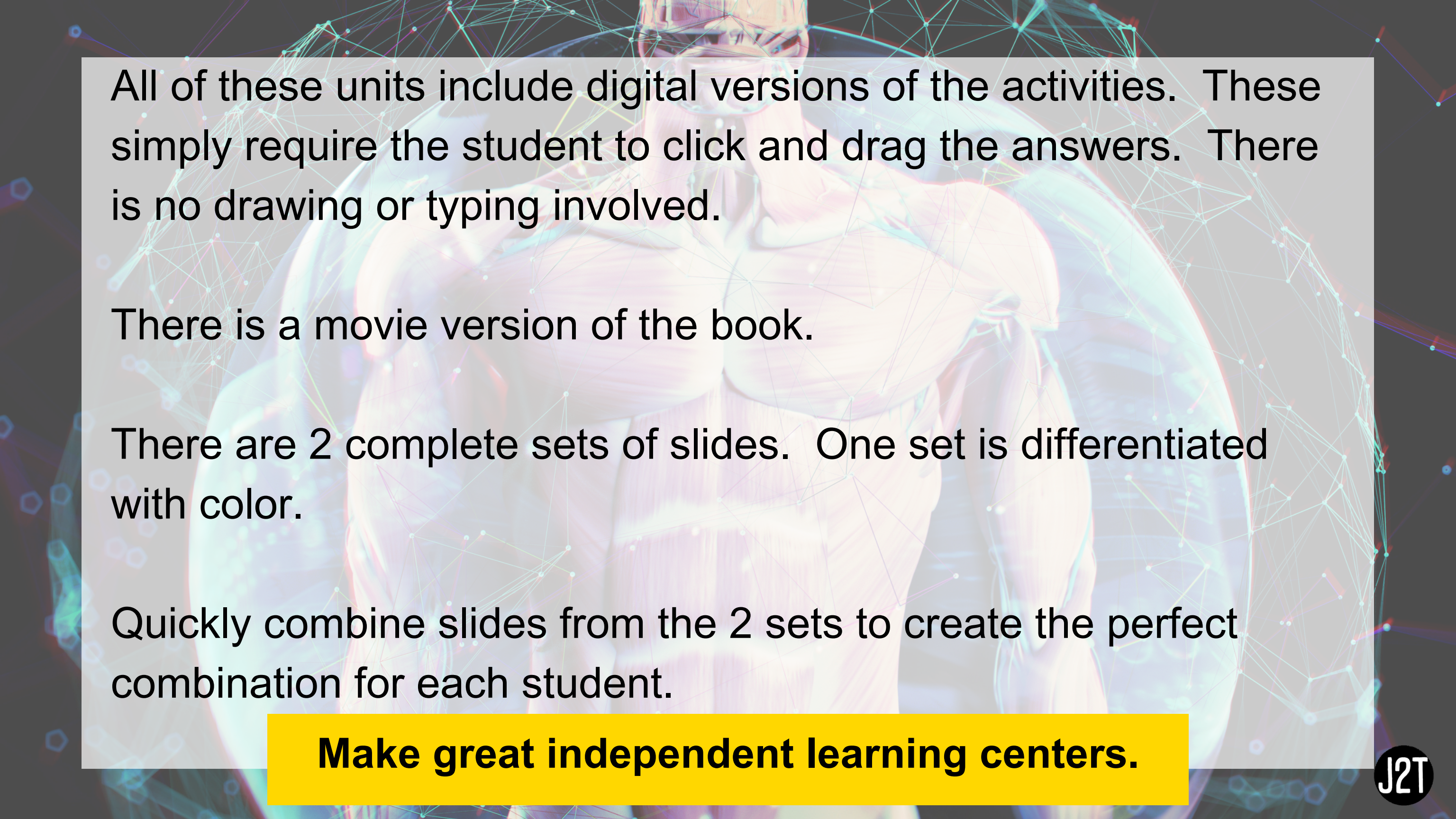
6. What are the main cells that fight disease in the body?

- A. Brain cells
- B. Tongue
- C. lymphocytes

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assessment

Finally, each unit has an assessment that is available in 3 versions. These are given 1:1 and read aloud to the student.



All of these units include digital versions of the activities. These simply require the student to click and drag the answers. There is no drawing or typing involved.

There is a movie version of the book.

There are 2 complete sets of slides. One set is differentiated with color.

Quickly combine slides from the 2 sets to create the perfect combination for each student.

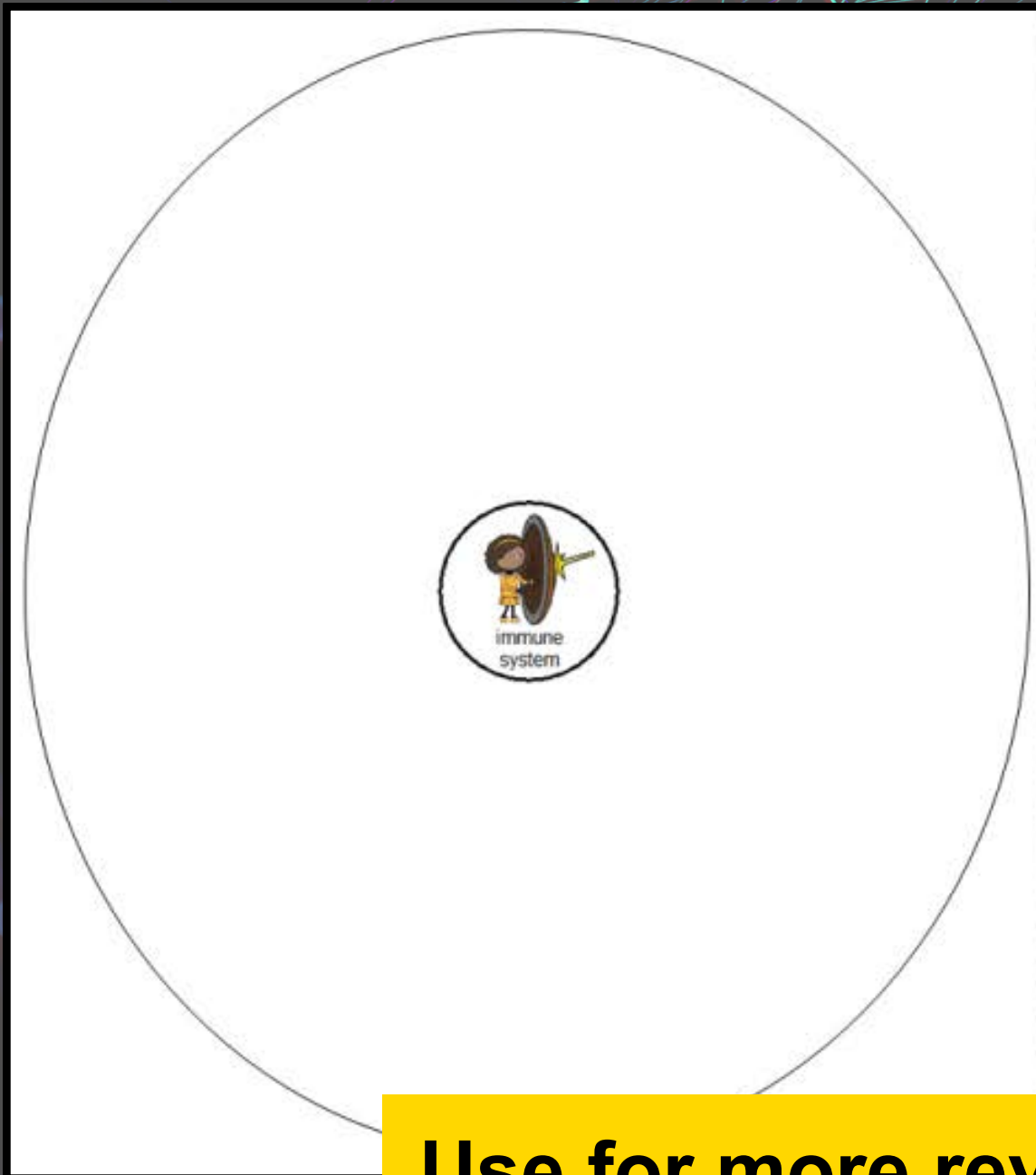
Make great independent learning centers.

The movie version
of the book from the
unit.











Watch the
movie on the
Integumentary
System

Your skin is the biggest organ in your body,
and it is your first defense against things that
may be dangerous around you.





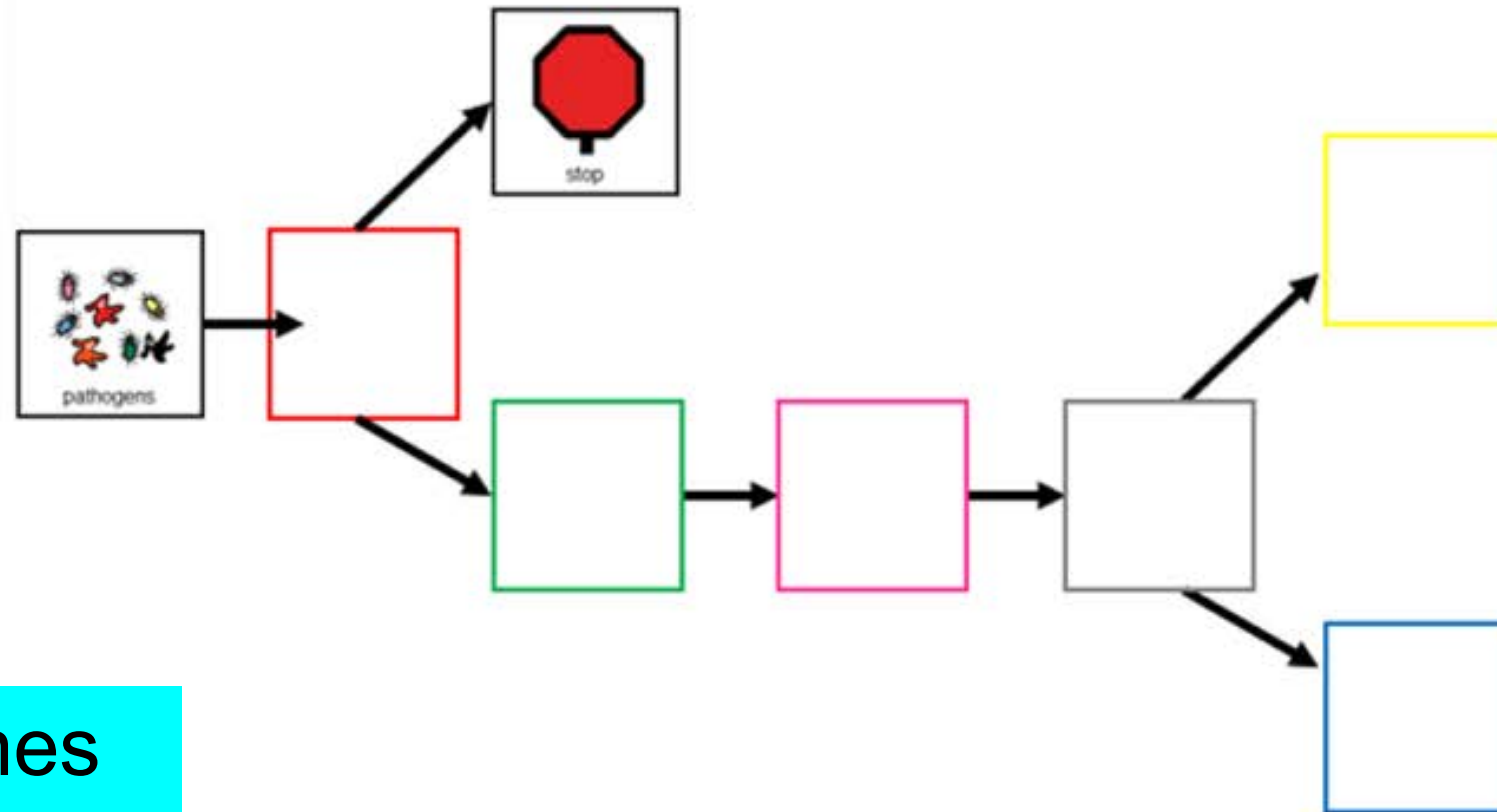
Place the pictures in the circle map about the immune system.

 pathogens	 lymphatic system	 spleen	 antibody
 active immunity	 passive immunity	 vaccine	 lymphocytes
 lymph node	 thymus		

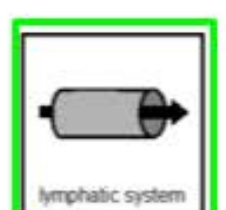
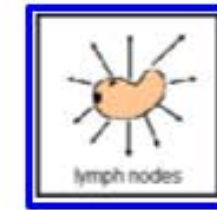
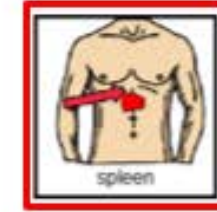
Use for more review.

The digital activities are click and drag.

Perfect for any learning level.



Finish the sequence showing how your immune system works



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Each unit comes with a set of slides that are differentiated with color.

Still have questions?

Reach out at specialneedsforspecialkids@gmail.com

I will answer your question personally and promptly.

