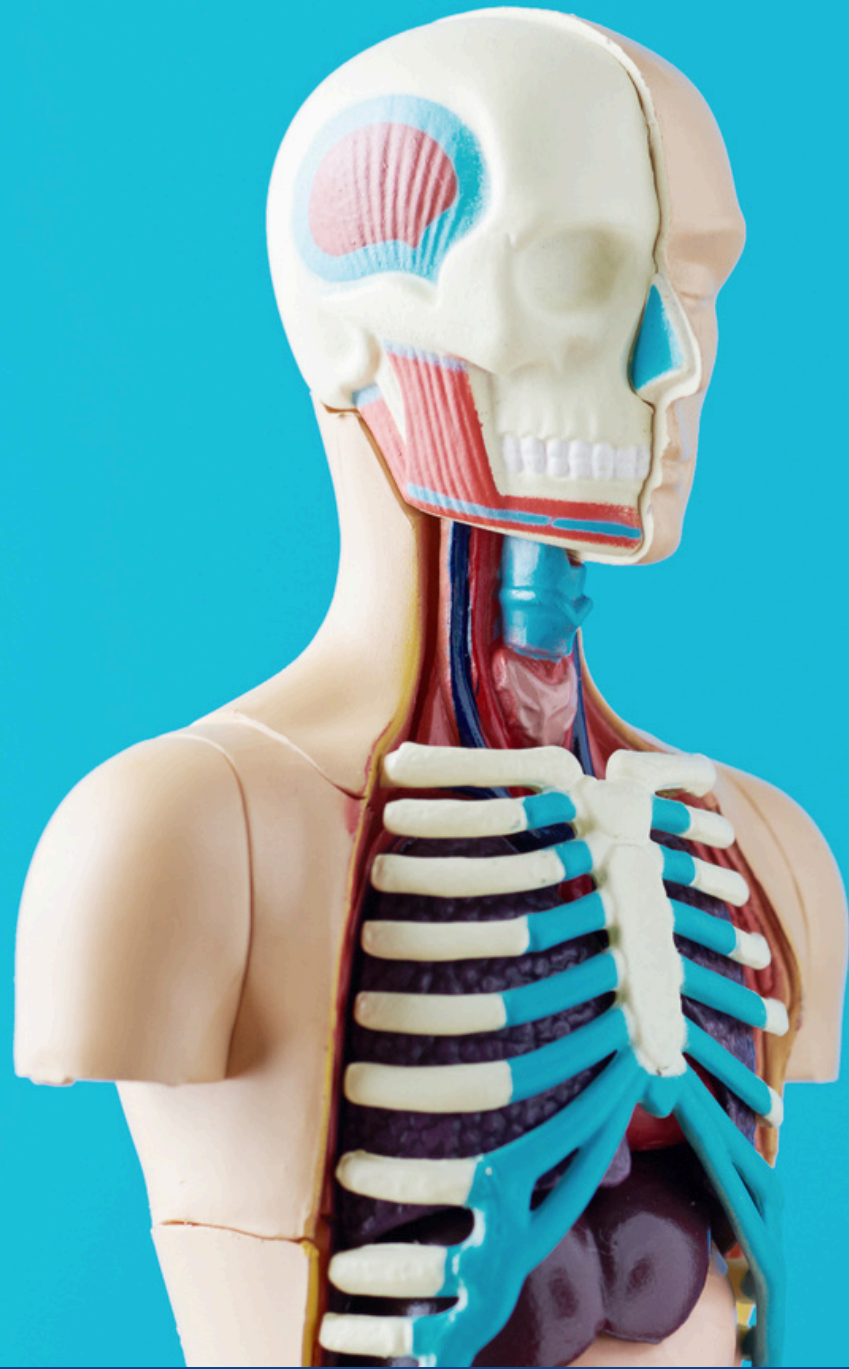


LEVELS OF ORGANIZATION

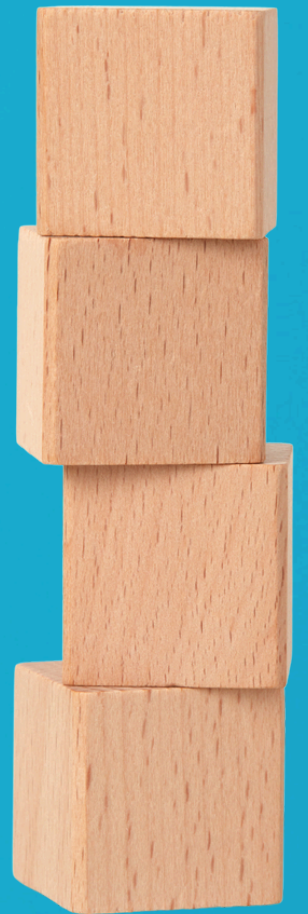


ORGAN SYSTEMS

ORGANS

TISSUES

CELLS













ENGAGING, VISUAL SCIENCE FOR SPECIAL EDUCATION LEARNERS

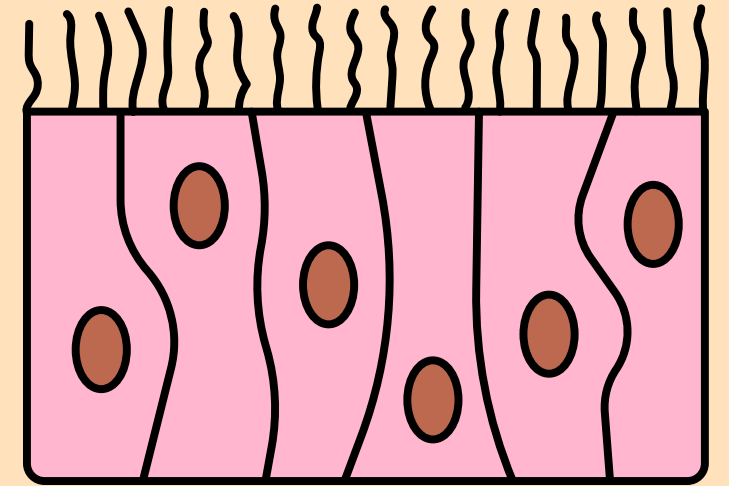


For students who:

- 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

What's Included

-  3 weeks of Lesson Plans
-  36-Slide PowerPoint & MP4 Video
-  Vocabulary Activities
-  Worksheets & Graphic Organizers:
 -  Circle maps
 -  Ordering activities
 -  Building activities
 -  Maintaining homeostasis
 -  Assessments
 -  Digital Activities



**Scroll
down
to see
MORE!!**

Lesson Plan

Quick Look

Day	Activity	Day	Activity
1	<ul style="list-style-type: none"> PowerPoint Vocab cards activity Circle map 	8	<ul style="list-style-type: none"> PowerPoint Group Activity: cups Build organ systems
2	<ul style="list-style-type: none"> PowerPoint Vocab cards activity Ordering levels 	9	<ul style="list-style-type: none"> PowerPoint Group Activity: cups Maintaining homeostasis
3	<ul style="list-style-type: none"> PowerPoint Vocab cards activity Ordering levels 	10	<ul style="list-style-type: none"> PowerPoint Vocab cards cut and paste Sudoku puzzle
4	<ul style="list-style-type: none"> PowerPoint Vocab cards activity Color in cells in tissues 	11	<ul style="list-style-type: none"> PowerPoint Vocab cards cut and paste Word search
5	<ul style="list-style-type: none"> PowerPoint Vocab cards activity Color in tissues in organs 	12	<ul style="list-style-type: none"> PowerPoint Bingo Close worksheet
6	<ul style="list-style-type: none"> PowerPoint Vocab cards activity Build tissues 	13	<ul style="list-style-type: none"> PowerPoint Bingo Close worksheet Assessment
7	<ul style="list-style-type: none"> PowerPoint Group Activity: cups Build organs 	14	<ul style="list-style-type: none"> Bingo

Day 7

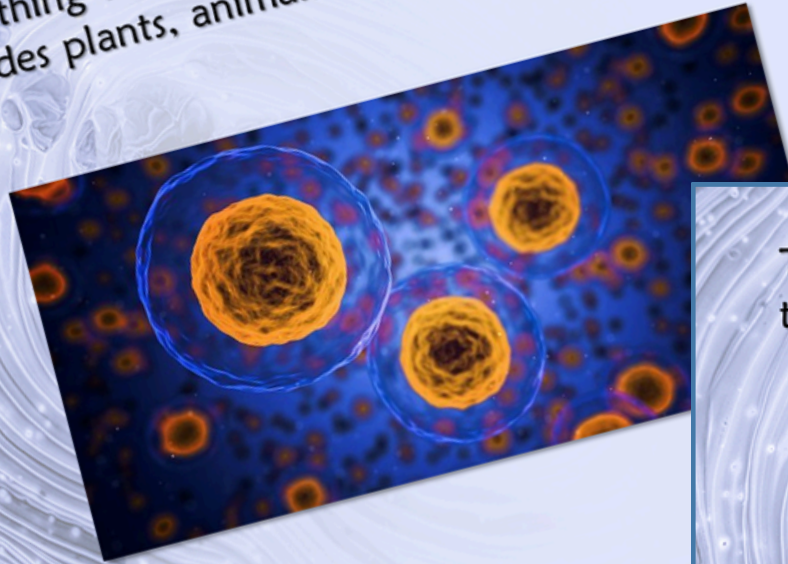
Activity	Notes	Materials
Read or listen to a recording of the book (10 minutes)	<ul style="list-style-type: none"> Read through the story, asking lots of questions Continue to make connections between book and vocabulary board 	<ul style="list-style-type: none"> Book Vocabulary board
Vocabulary cards Bean Bag Toss (10 minutes)	<ul style="list-style-type: none"> Glue the cut apart symbols to the paper plates (one on each plate) Arrange them around the room Students toss the bean bag trying to get it to land on a paper plate Students retrieve the paper plate and share the vocabulary card they retrieved 	<ul style="list-style-type: none"> Vocabulary cards Vocabulary cards cut apart Small paper plates (you can also use pieces of construction paper) Bean bags
Matching review (5 minutes)	<ul style="list-style-type: none"> Review the matching worksheet completed yesterday 	<ul style="list-style-type: none"> Worksheet completed yesterday
Matching activities (10 minutes)	<ul style="list-style-type: none"> Do one of the matching worksheets I provided a version with dashed lines for students to use if extra support is needed <ul style="list-style-type: none"> Also works as an answer key Consider letting students use highlighters to increase engagement Make connections to the book as necessary 	<ul style="list-style-type: none"> worksheet highlighters
Sharing (10 minutes)	<ul style="list-style-type: none"> Each student shares their finished matching activity with the group using the communication method of their choice 	<ul style="list-style-type: none"> Completed activity Communication devices

The **lesson plans** contain:

- ✓ Overall tips for teaching students with significant needs
- ✓ A quick look at what you will do each day
- ✓ Detailed instructions on how that day's lesson should run

PowerPoint

Everything that is alive is made up of **cells**. This includes plants, animals and even bacteria.



Tissues with the same function then come together to form **organs**.



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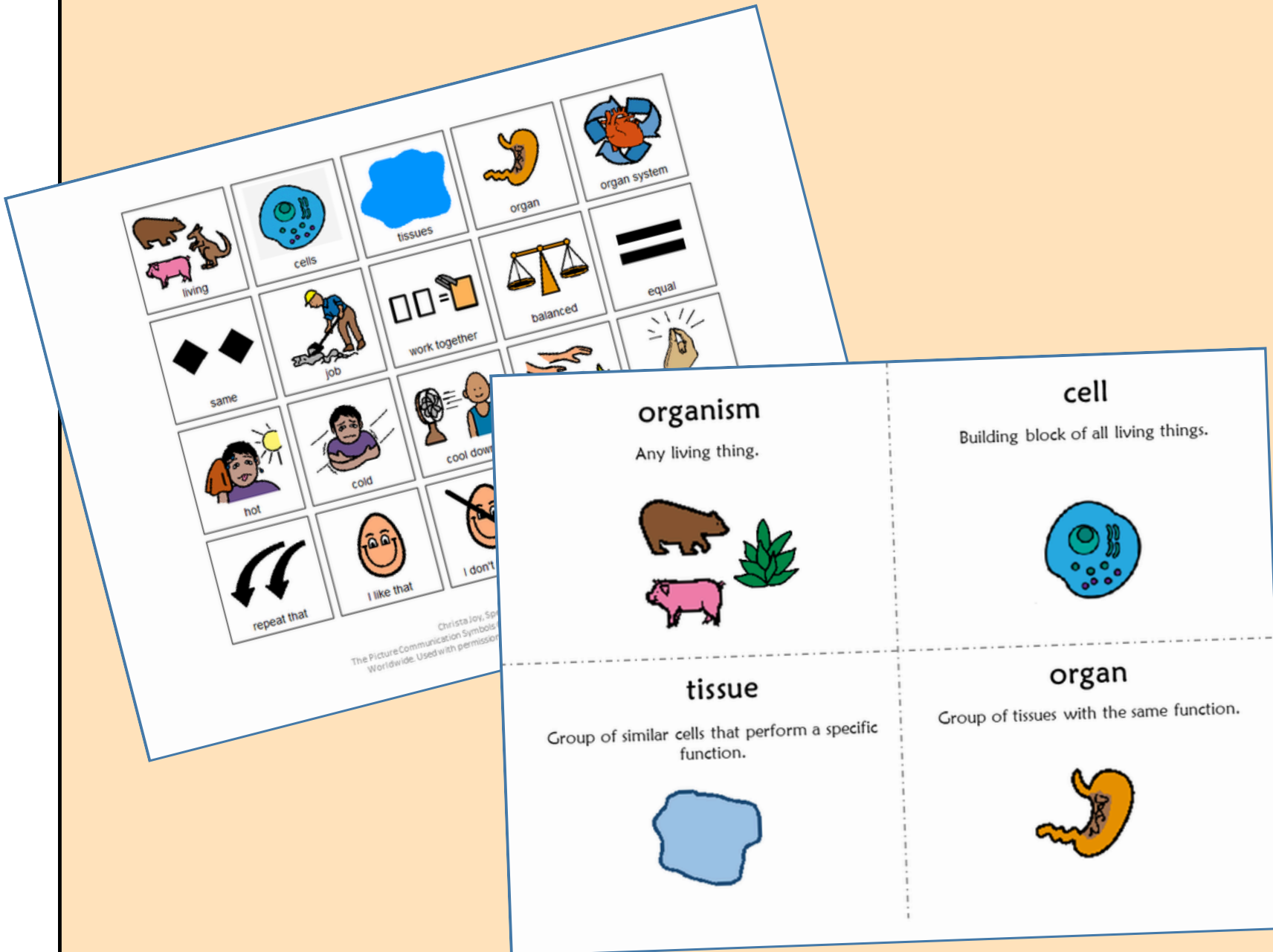
29 slide **PowerPoint** using photos and simple text.

- ✓ PowerPoint
- ✓ mp4 video file

Vocabulary

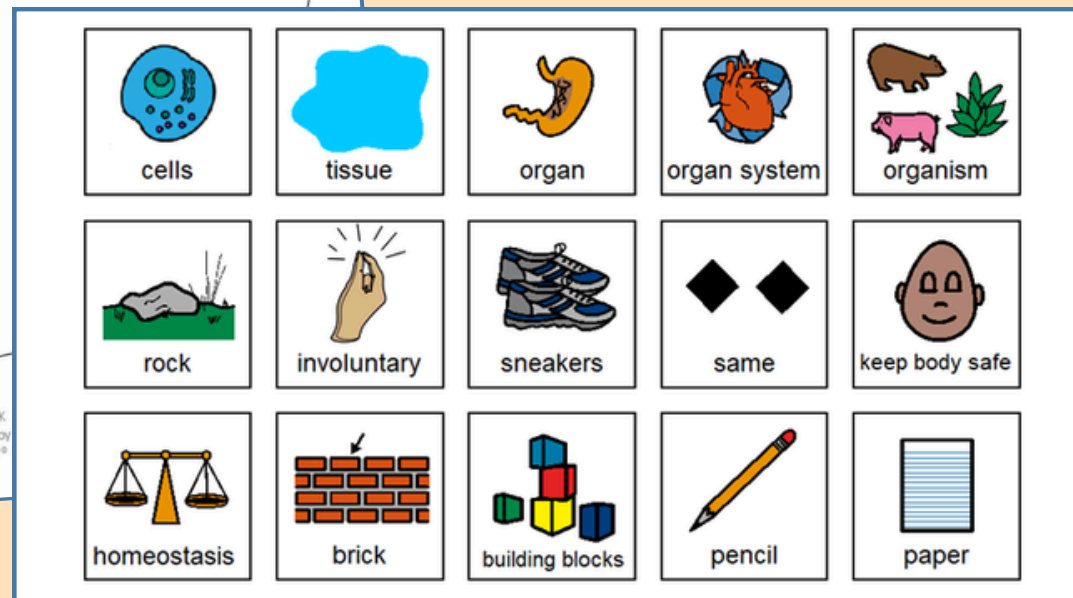
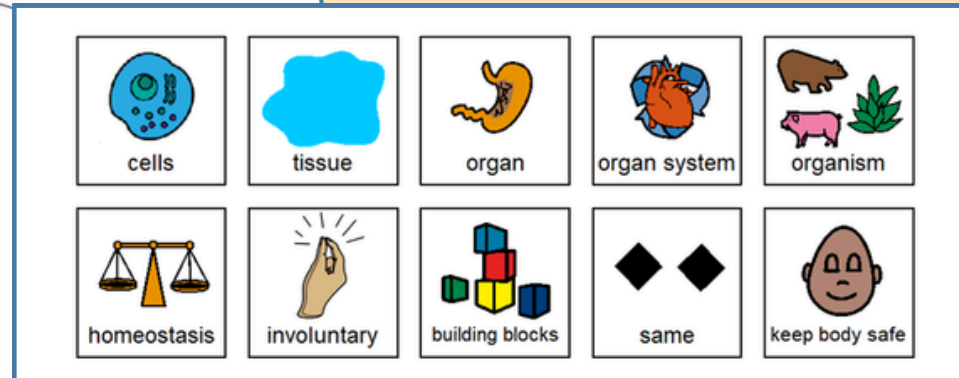
This unit comes with a vocabulary board and vocabulary cards.

- Improve **participation**.
- Increase **engagement** in group discussions.
- Daily group activities.



Circle map

✓ Reviews main points from PowerPoint



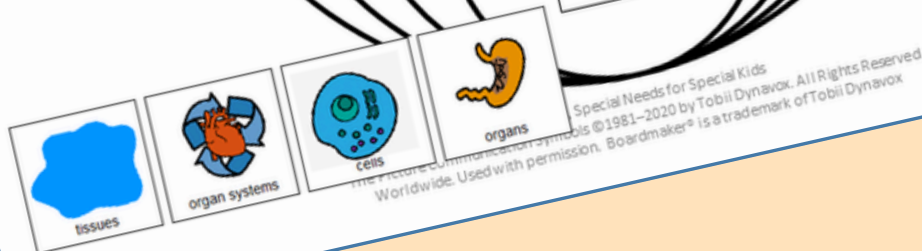
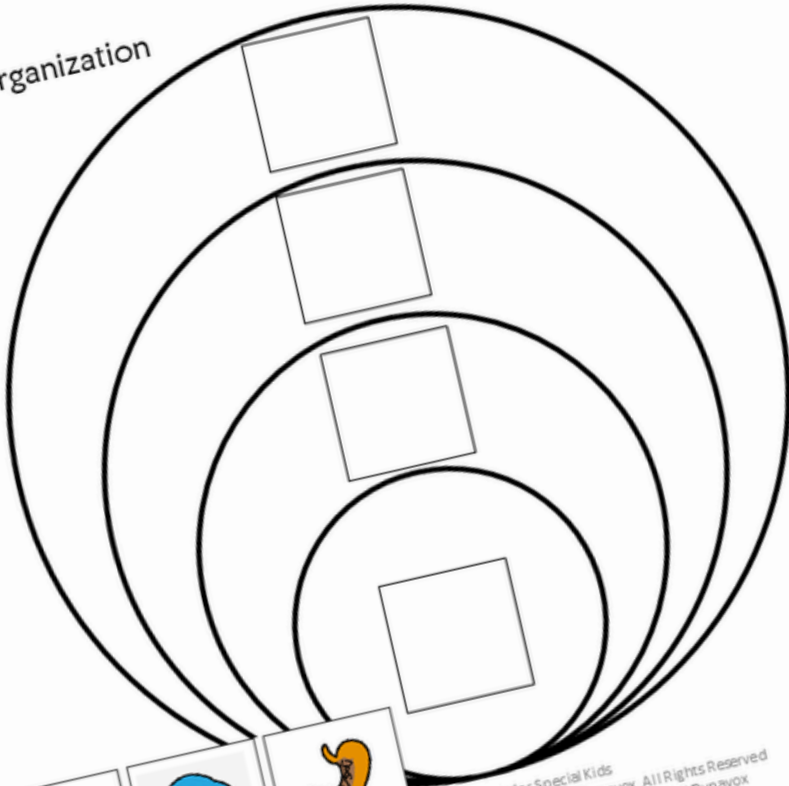
EACH CIRCLE MAP HAS:

- **ERRORLESS VERSION**
- **WRONG ANSWERS MIXED IN**

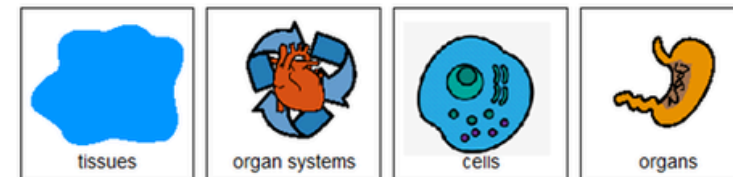
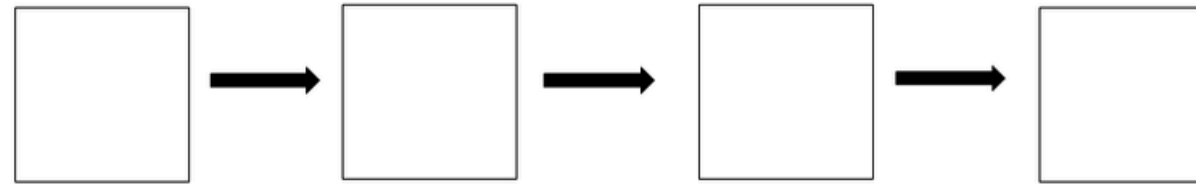
Ordering

- ✓ 2 Versions
- ✓ Suggestions for differentiation

Label the levels of organization

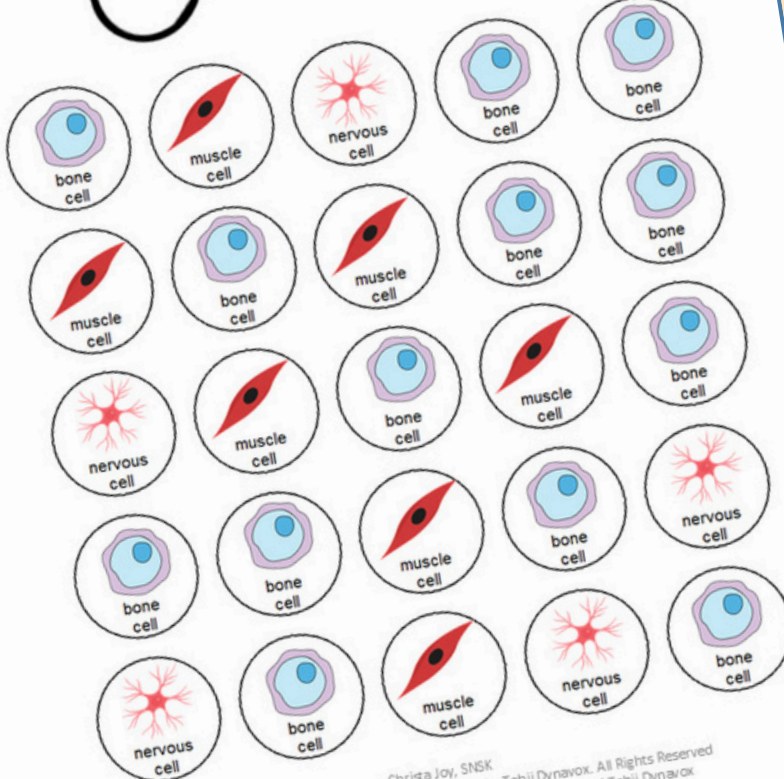
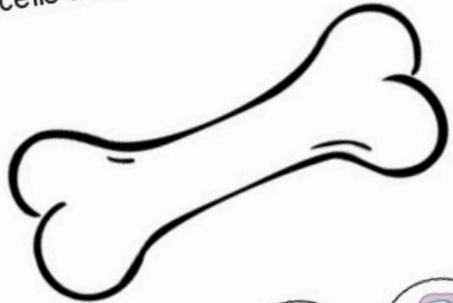


Sequence the levels of organization



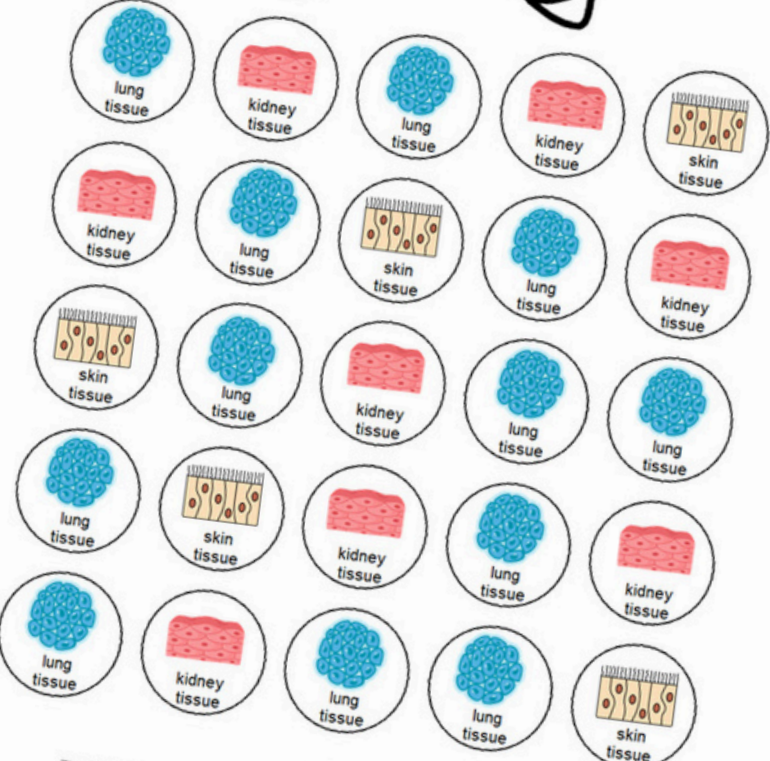

Color it in

Color in the cells that would make up bone tissue.



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Color in the tissue that would make up a lung (organ).

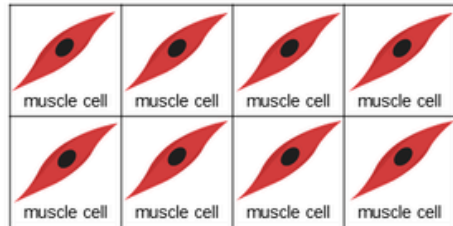


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Reinforces that the same cells make up a tissue, and the same tissue makes up an organ

Build it

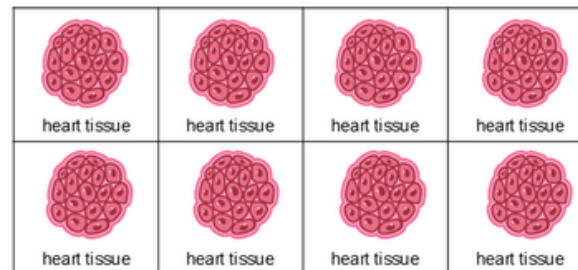
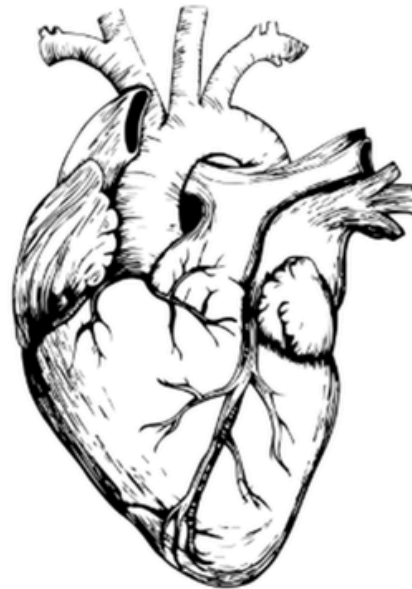
Build muscle tissue.



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ERRORLESS

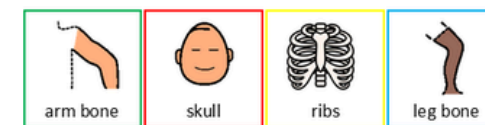
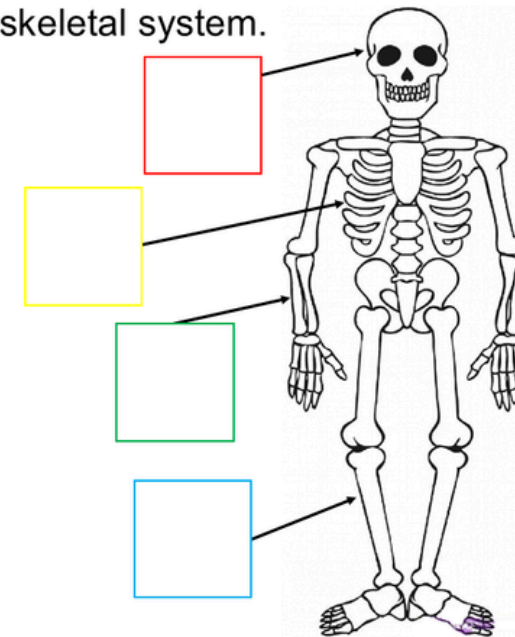
Build a heart (organ).



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- Build tissues
- Build organs
- Build organ systems

Build a skeletal system.



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COLOR-CODED





Homeostasis


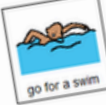


HOW THE HUMAN BODY MAINTAINS HOMEOSTASIS




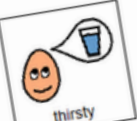
Remember cells, tissues, and organs all want to stay in the same state as much as possible. Circle the best answer to maintain homeostasis in each situation.





- The air conditioner broke, and it was so hot!

   
- The cold wind was blowing so hard, I was freezing!

   
- I took my dog for a walk on a hot summer day.

   
- We ate so much popcorn at the movies.

   
- I went outside to build a snowman.











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Group Activities

Building Organisms

- Students will find the necessary cups to build an organism.
 - Cell
 - Tissue
 - Organ
 - Organ System
 - Organism
- Print 3-5 copies of the labels on the next page
- Glue one label on each cup.
- Mix up cups and place around the room
- Students will need to build their own organism by finding each cup and placing them in the correct order.

Labels: Make as many copies as appropriate for your group.

 cell	 tissue	 organ
 organ system	 organism	
 cell	 tissue	 organ
 organ system	 organism	

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Bingo cards







- Included are 10 Bingo cards in color and 10 Bingo cards in BW.
- Place the cards in page protectors or laminate for long term use.
- **Calling cards are included.**
- This is a great way to practice the new vocabulary included in this unit.
- Cut apart a set of the vocabulary cards to use as the calling cards.
- Options:
 - Show students the picture for them to match
 - Read the definition and see if students can find the matching picture
 - Work as teams
 - Vary the "winning" patterns.
 - Cover all
 - Cover corners
 - Row across or down
 - Cover the edges
 - Vary the ways to mark the card
 - Place in page protector or laminate and use dry erase markers
 - Stickers
 - Post-it
 - Dot markers

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Levels of Organization

 brain	 thirsty	 same	 involuntary
 sweat	 muscle	 organ system	 homeostasis
 balanced	 organism	 organ	 tissue
FREE			 cell


BUILD AN ORGANISM

 cell	 tissue
 organ	 organ system

Assessment

Levels of Organization


1. Cells that are similar, group together to form .
2. Muscle cells would group together to form tissue.
3. Tissues that are similar, group together to form .
4. Nervous tissues would group together to form the .
5. Organs that are similar, group together to form .



brain muscle tissue organs organ system






Maintaining Homeostasis

1. When you get too hot, you will to cool off.
2. When dogs get too hot, they will .
3. Shivering is when your twitch and move to get warm.
4. Drinking water after a salty snack is an example of .
5. Homeostasis is a very process in keeping us alive.



important muscles sweat pant homeostasis

Version 1




1. Tissues are made up of cells that are:

similar different different shapes
2. Groups of similar tissue form:

bones cells organs
3. This type of tissue send signals to your muscles from brain.

skin nervous skeletal
4. This organ helps you digest your food.

bladder stomach skin
5. Organs with the same function come together to form:

organ system tissue body

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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

 skin	 nervous	 skeletal
---	--	---

Q 4

 bladder	 stomach	 skin
--	--	---

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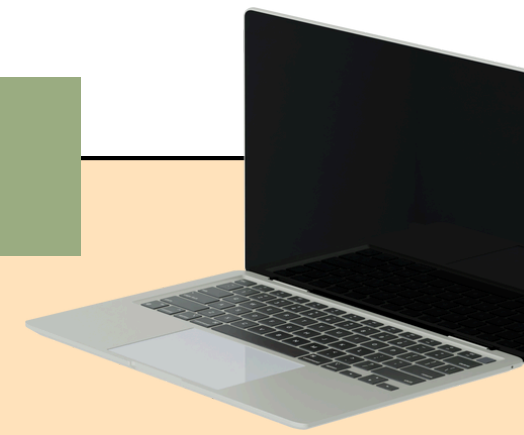


2 quizzes



Assessment in 3 versions

Digital Activities



- ✓ Provide extra practice
- ✓ Great independent work centers
- ✓ Include a differentiated set of slides
- ✓ Interactive

The image displays two overlapping educational worksheets. The left worksheet features a large circle with a small icon of a staircase labeled 'levels of organization' in the center. To the right of the circle is a grid of 12 icons, each with a label: 'cells', 'tissues', 'organ systems', 'organs', 'organism', 'homeostasis', 'involuntary', 'building blocks', 'same', and 'keep body safe'. The right worksheet is a coloring page with the instruction 'Color in the tissue that would make a kidney (organ)'. It shows two line drawings of kidneys and a green circle below them. The worksheets include small copyright notices at the bottom: 'Christa Joy, Special Needs for Special Kids. The Picture Communication Symbols ©1981-2019 by Tobii Dynavox. All Rights Reserved Worldwide. Used with permission. Boardmaker® is a trademark of Tobii Dynavox.'

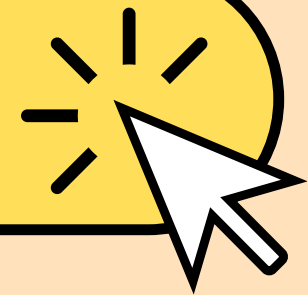
What teachers are saying

My students love this resource. They've understood the concepts and enjoyed interacting with the vocabulary.

This was a very useful and excellent resource on teaching human body systems for my students with mild to severe disabilities and they benefited greatly from this resource.

**SAVE MONEY AND GET THIS AS PART OF
THE BIOLOGY BUNDLE.**

CLICK HERE



Christa Joy, M.Ed., DVM