



special

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



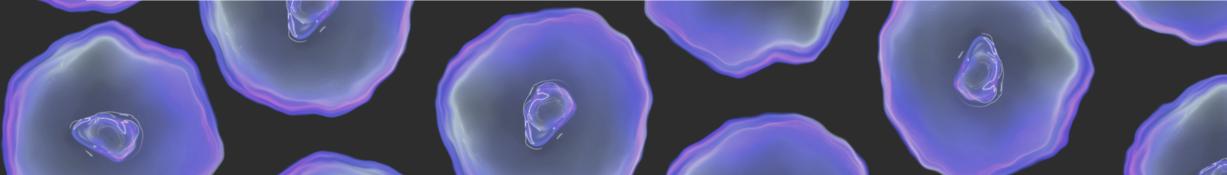
Why you need this bundle:

- 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 extended learning standards.
- Saves you money
- Saves you time.

This bundle includes 7 different units:

1. Levels of Organization (3 weeks) 2. Cells and Cell Processes (3 weeks) 3. Cell Transport (2 weeks) 4. Mitosis and Meiosis (3 weeks) 5. Genes and Heredity (2 week) 6. Evolution (3 weeks) 7. Photosynthesis (1 week)

All units built using the extended learning standards



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/PowerPoint movie version
- Vocabulary cards
- Circle maps
- Sorting activities
- Labeling and sequencing activities
- Hands-on activities
- Vocabulary puzzles
- Close worksheets (fill in the blank)
- Assessments (3 versions)

to allow more students to

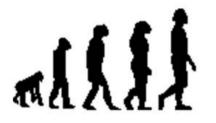
 Saves you time Fosters inclusion

KEEP SCROLLING FOR ALL THE DETAILS

The activities are differentiated participate in the same activity.

Evolution Unit

By Christa Joy Special Needs for Special Kids



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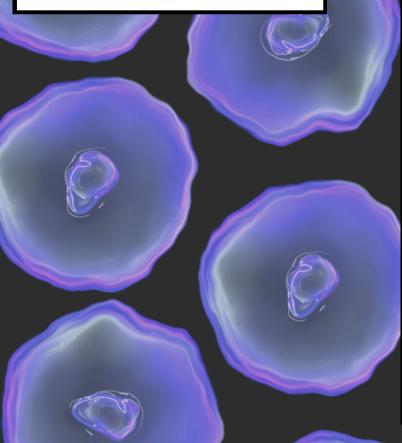


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Also included in this resource as separate files:

- 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

Christa Joy, Special Needs for Special Kids The Picture Communication Symbols © 1981–2018 by Tobii Dynavox. All Rights Reserved Worldwide. Used with permission. Boardmaker® is a trademark of Tobii Dynavox Every unit has a table of contents. There is a separate file with directions and links to the digital activities. Day 2

Activity	Notes	Materials
Read or listen to a recording of the book (10 minutes)	 Read through the story, asking lots of questions Continue to make connections between book and vocabulary board 	 Book Vocabulary board
Vocabulary cards <mark>I Spy</mark> Game (10 minutes)	 I play this game, or variations of it the first few days Determine how many cards your students can handle in front of them. Since this is the first time playing this game, I make it easy. Hold up a card, and have students find the matching one and hold it up Discuss relevant points on the card You can also play this game in this manner having them find the symbol on their vocabulary board 	 Vocabulary cards (student set and teacher set) Vocabulary board
Circle map review (5 minutes)	 Review the circle map completed yesterday 	 Circle map completed yesterday
Circle Map (10 minutes)	 Do the circle map about heredity 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 	 Circle map Scissors Glue
Sharing (10 minutes)	 Each student shares their finished worksheet with the group using the communication method of their choice 	 Completed worksheet Communication devices

with:

- guide

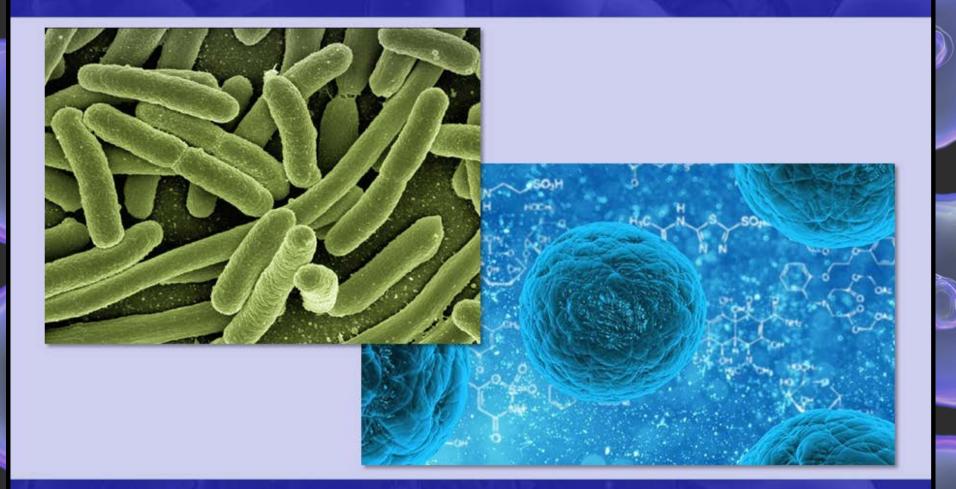
Lesson plan

Every unit has a detailed lesson plan

 suggestions overview daily step-by-step



There are 2 main categories of cells: prokaryotic and eukaryotic.



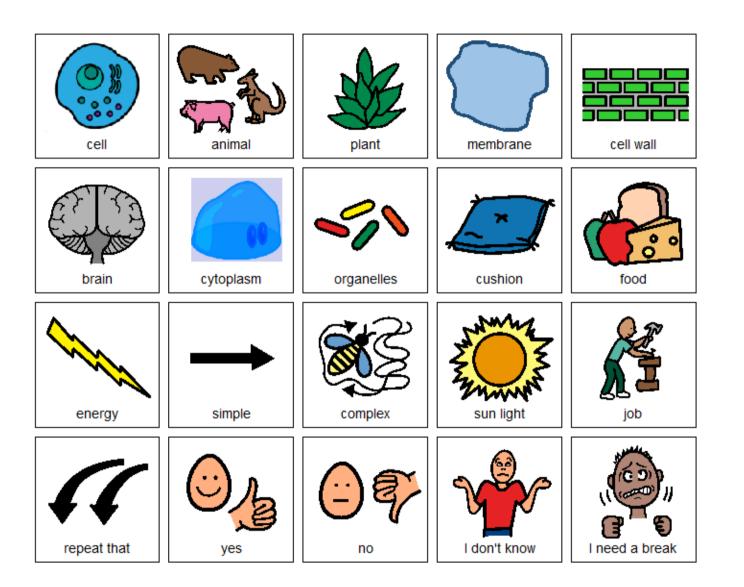
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Every unit has a book comes in:

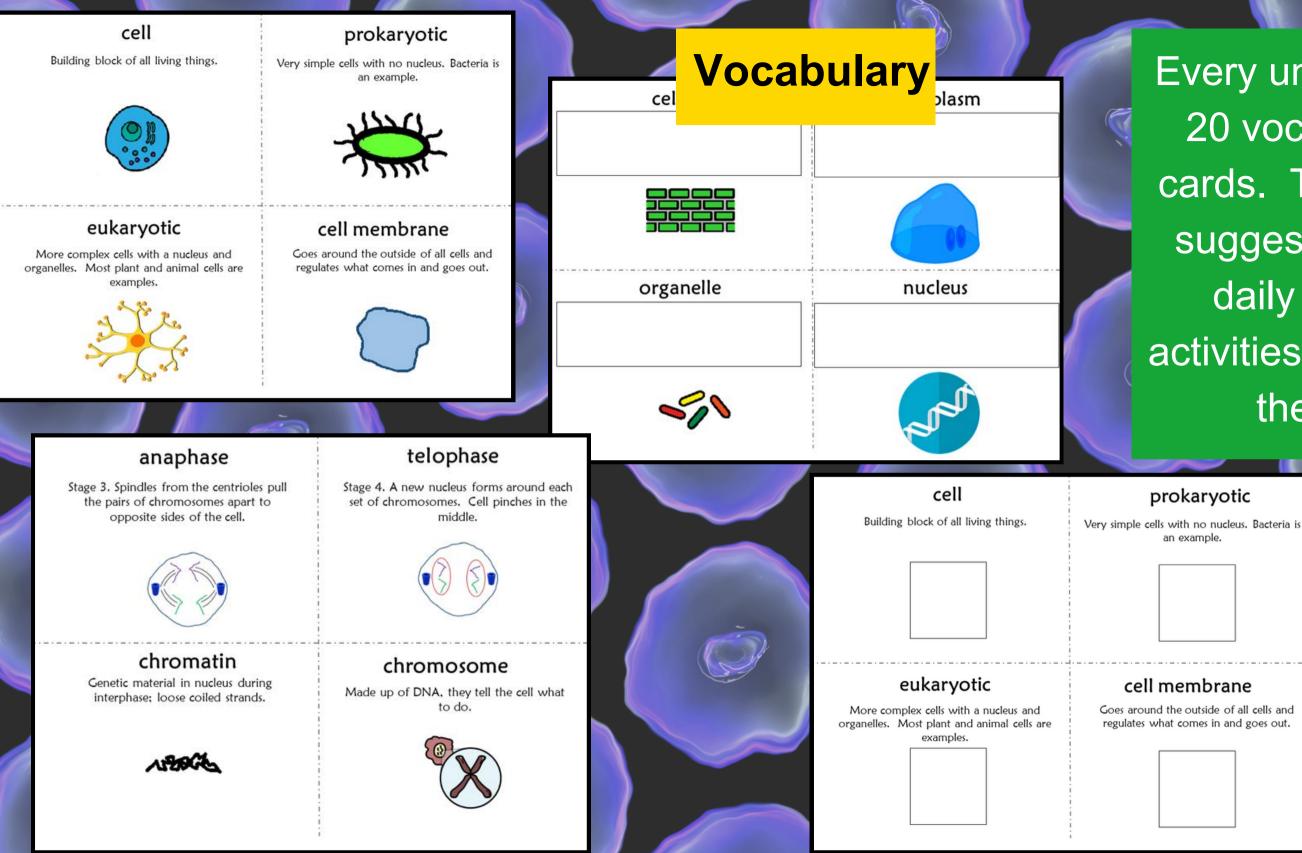


with simple text and engaging photos. It PowerPoint recorded PPT show mp4 (movie) file





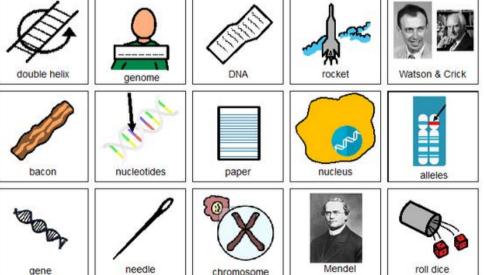
Christa Joy, Special Needs for Special Kids The Picture Communication Symbols © 1981–2019 by Tobii Dynavox. All Rights Reserved Worldwide. Used with permission. Boardmaker® is a trademark of Tobii Dynavox Every unit has a vocabulary board to use while working through the unit. Suggestions for use are included.



Every unit has 15-20 vocabulary cards. There are suggestions for daily group activities to review these.

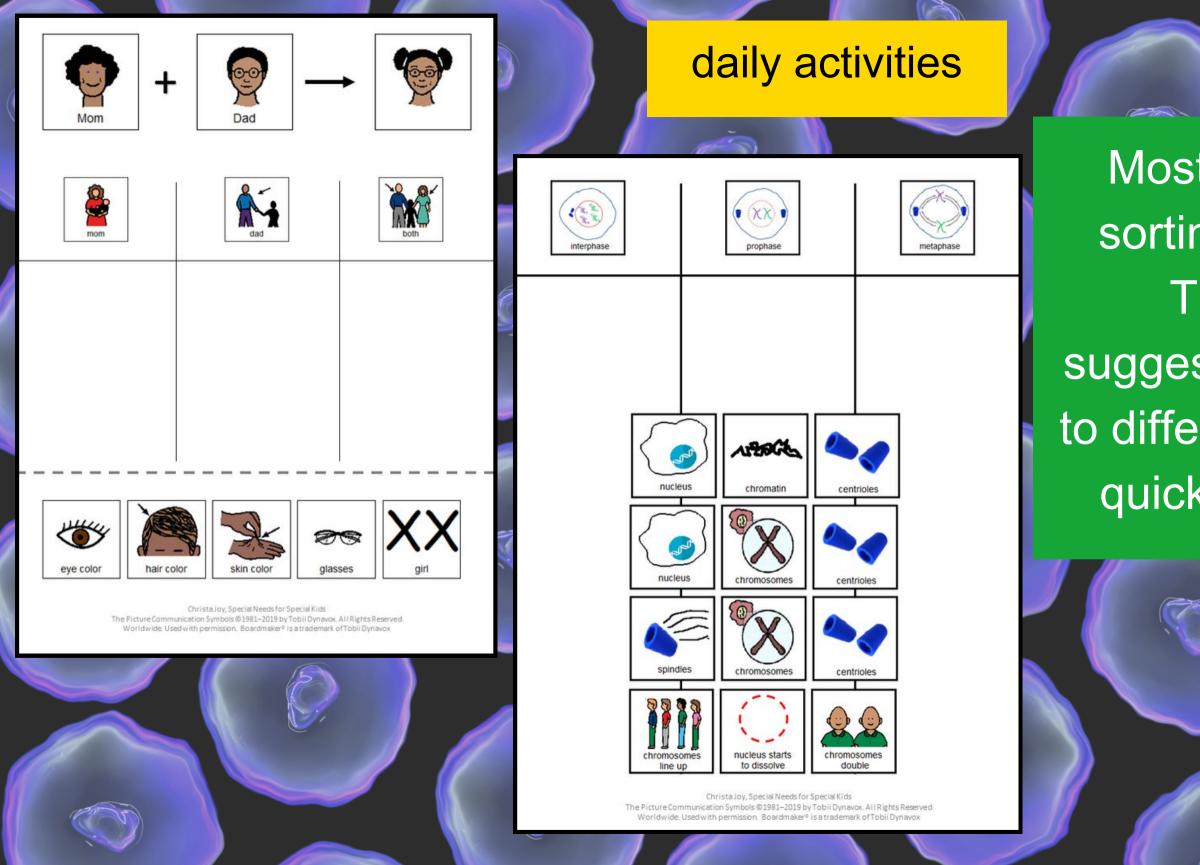


circle maps Errorless version Cut apart pictures and place in circle map about genes. double heli Watson & Crick Each unit comes with 1-2 circle maps to visually nucleotides nucleus gene chromosome alleles review the main facts from the book. These come Cut apart pictures and place in circle map ONLY IF they relate directly to genes. with an errorless option and an option with wrong answers mixed in. rocket double heli Watson & Crick

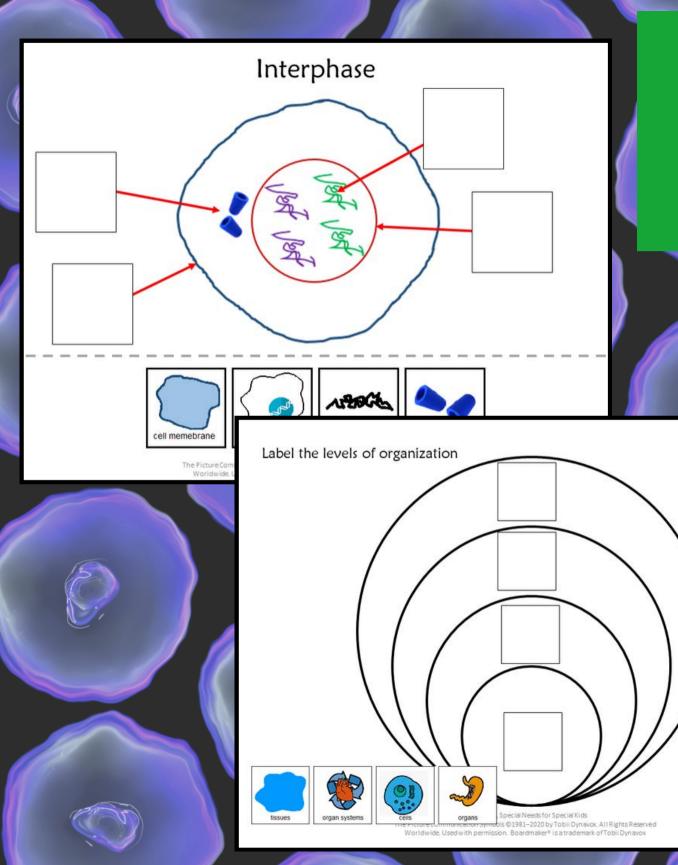


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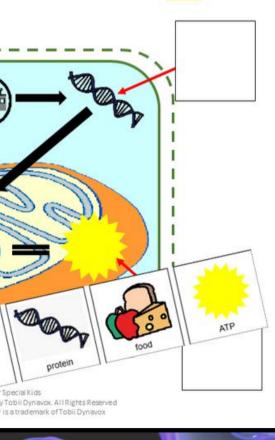
Most units have sorting activities. There are suggestions for how to differentiate these quickly included.



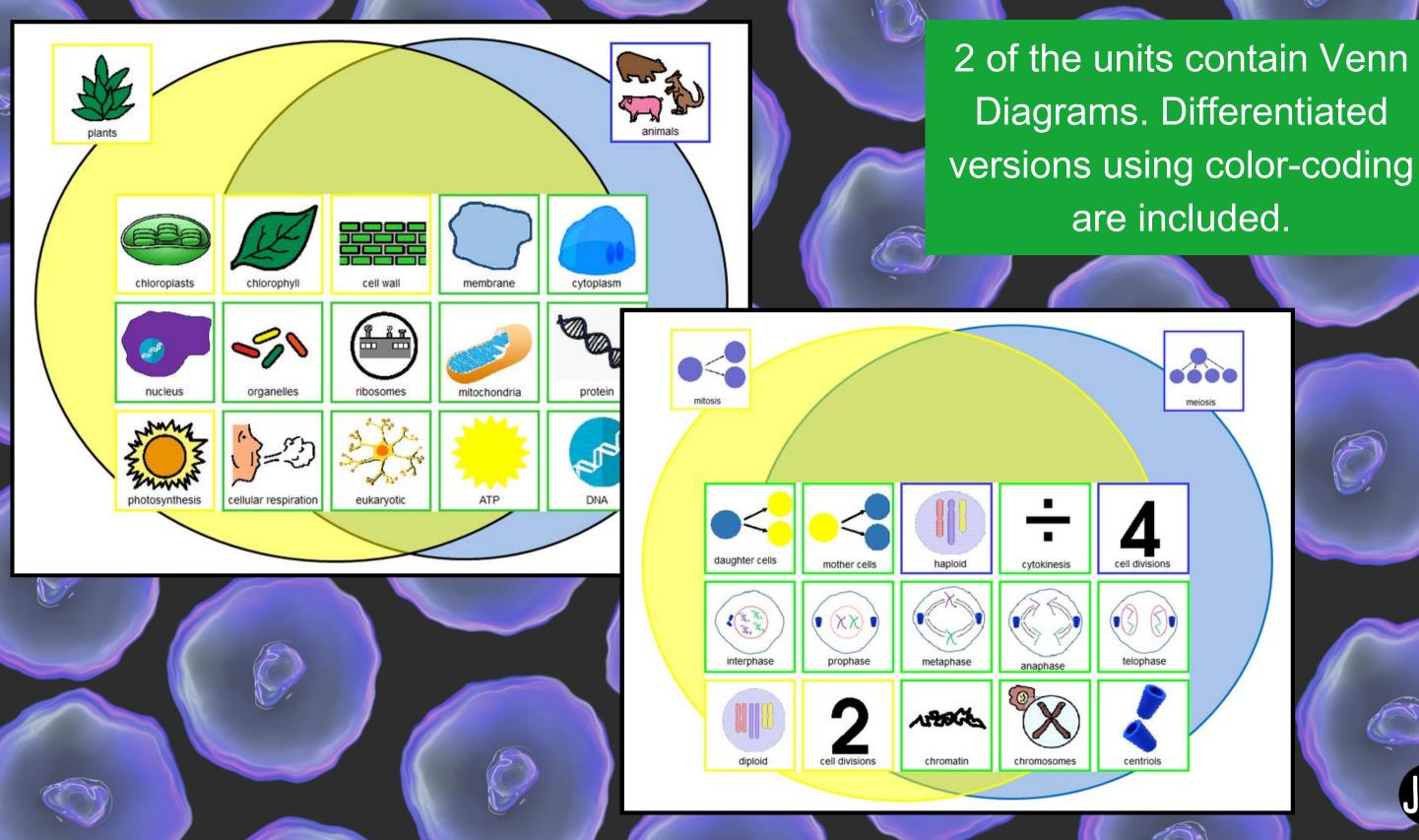
All of the units have labeling worksheets. Suggestions for differentiation are included.



Label the parts of cellular respiration inside the mitochondria in a plant cell.









Making a Cell Pizza (Sweet)

Materials

- Crescent dough or premade large cookie (cooked)
- Frosting
- Chocolate chips
- Jelly beans
- Green skittles or M&Ms
- 1 Oreo

Directions

- Cell membrane/wall
 - Have students spread crescent dough if using
 - Talk about how the crust is like the cell membrane/wall
 - Provides stiffness/structure
 - Holds all the inner parts of the cell
- Cytoplasm
 - Spread the frosting
 - Talk about how the frosting is similar to the cytoplasm
 - Provides cushion
 - Helps holds inner structures in place
- Organelles
 - Use chocolate chips for the ribosomes
 - Use jelly beans for the mitochondria
 - Use green skittles or M&Ms as chloroplasts
 - Talk about how they are like the organelles
 - Uniform in size and shape
 - Spread throughout the cytoplasm and cushioned
- Nucleus
 - Place whole Oreo in center of pizza as nucleus
 - Talk about how the Oreo is similar to the nucleus
 - Only one present in the cell
 - Round

3D Model of a Plant Cell: Directions

Materials:

- · Cell membrane: long piece of yarn
- Cell wall (if doing a plant cell): Hula hoop
- Ribosomes: ping pong or other small ball
- Mitochondria: Legos
- Chloroplasts (if doing a plant cell): Green bean bags
- Nucleus: Pink ball
- Cytoplasm: Piece of yellow felt or fabric cut to fit the interior of the hula hoop
- Proteins: plastic links (Several connected together)

Directions:

- Give each student a piece of the cell: can/should have multiple chloroplasts, mitochondria, and ribosomes
- · Have students form the piece of varn into a circle as the cell membrane.
- If doing a plant cell: Have student place hula hoop on floor. Explain that this is the cell wall. Notice how strong, rigid, and hard it is. It helps keep the shape of the cell and keeps all the parts inside.
- Have student fit the yellow felt inside the hula hoop. Explain that this is the cytoplasm and makes a nice cushion for all the parts inside the cell. It is like a big pillow.
- Have student place pink ball in the center of felt. Explain that this is the nucleus of the cell. It is like the brain, and tells all the other parts in the cell what to do. Every cell has a nucleus.

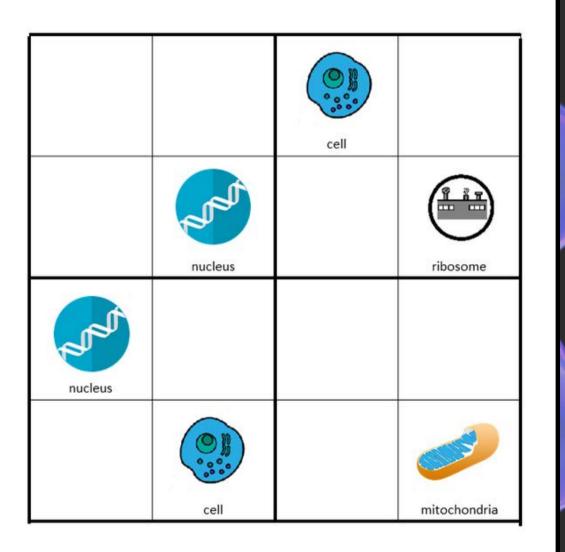
There are hands-on activities.







Cells



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Place the following images in the empty squares on the previous page, completing the sudoku puzzle.

III (III

ribosome

mitochondria

ribosome

ribosome

nucleus

mitochondria

nucleus

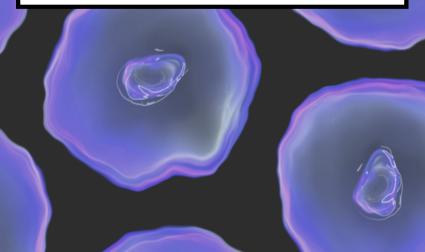
mitochondria

There are vocabulary puzzles.

0	V	N
R	Е	Е
G	Т	Ρ
	Ρ	
Ν	D	Ζ
	1	
Υ	С	
S		
	Ν	
Е	R	
	Н	
	В	V
Ρ	G	
	Μ	
С	L	N

organ	system	i
tissue		C

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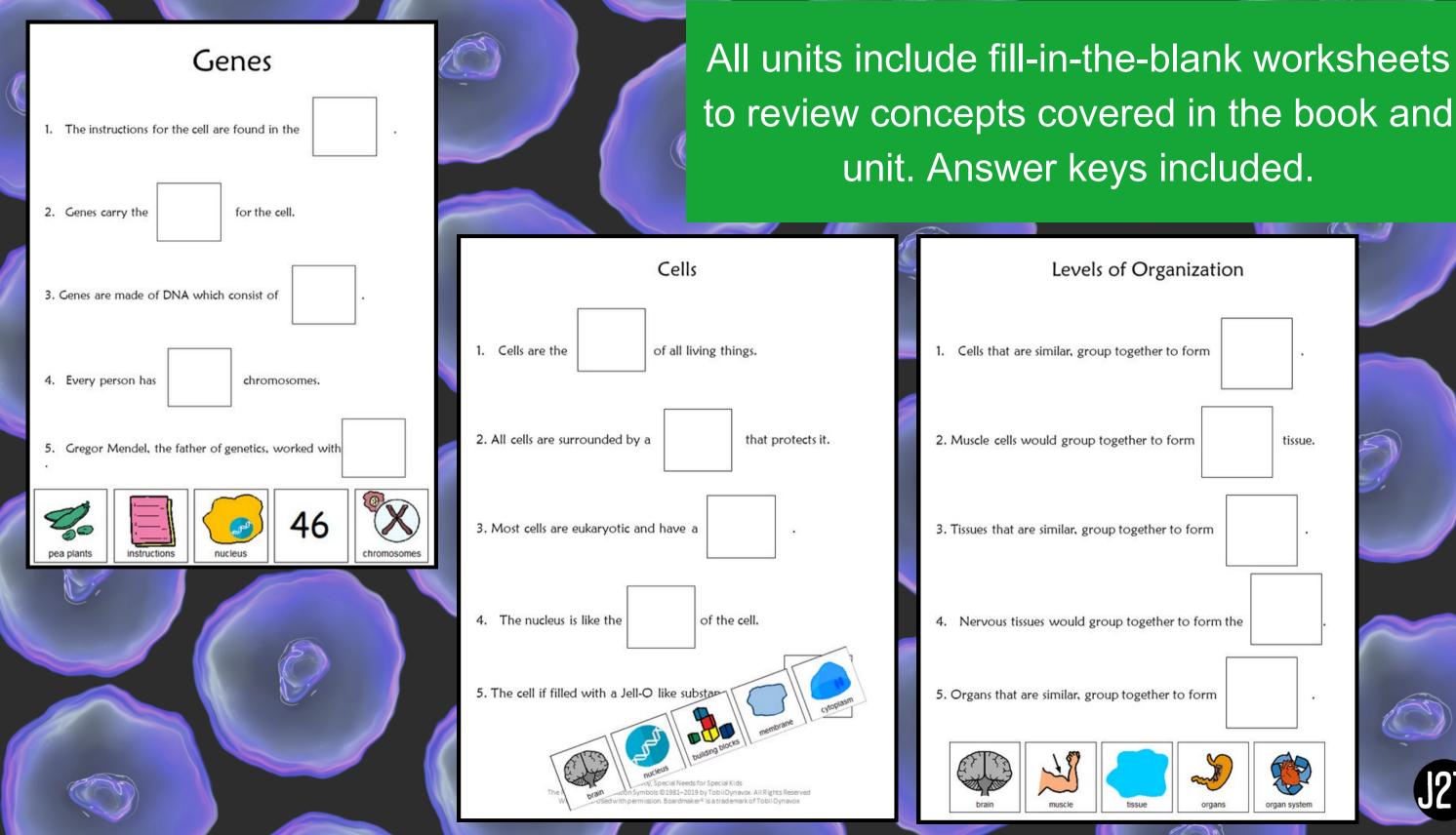
Levels of Organization

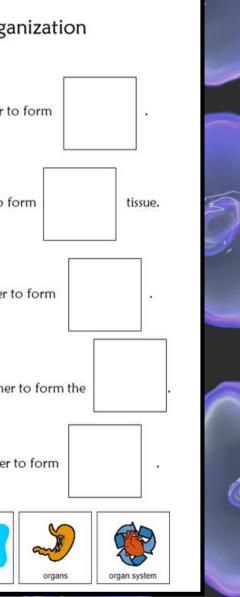
NEZUPBNQJGZXA ZUWCZXVGOIBA PRFORGANIUONZ GINVOLUNTARYC ZHGLTKBSQRHQP ILLHBLNPBNYH VIFSAQURAUMS (R W Q B M N E T X X K S V X B O T S U A W M C A V MYRDEFSAMFZFN ΟΜΕΟΣΤΑΣΙΣΟΥΨ VRSPRCXPCELLO ZSXORGANISMBP RJAYNXSXGILGM ΝĹΥΑΤΙΣΣυΕΗΥΗ

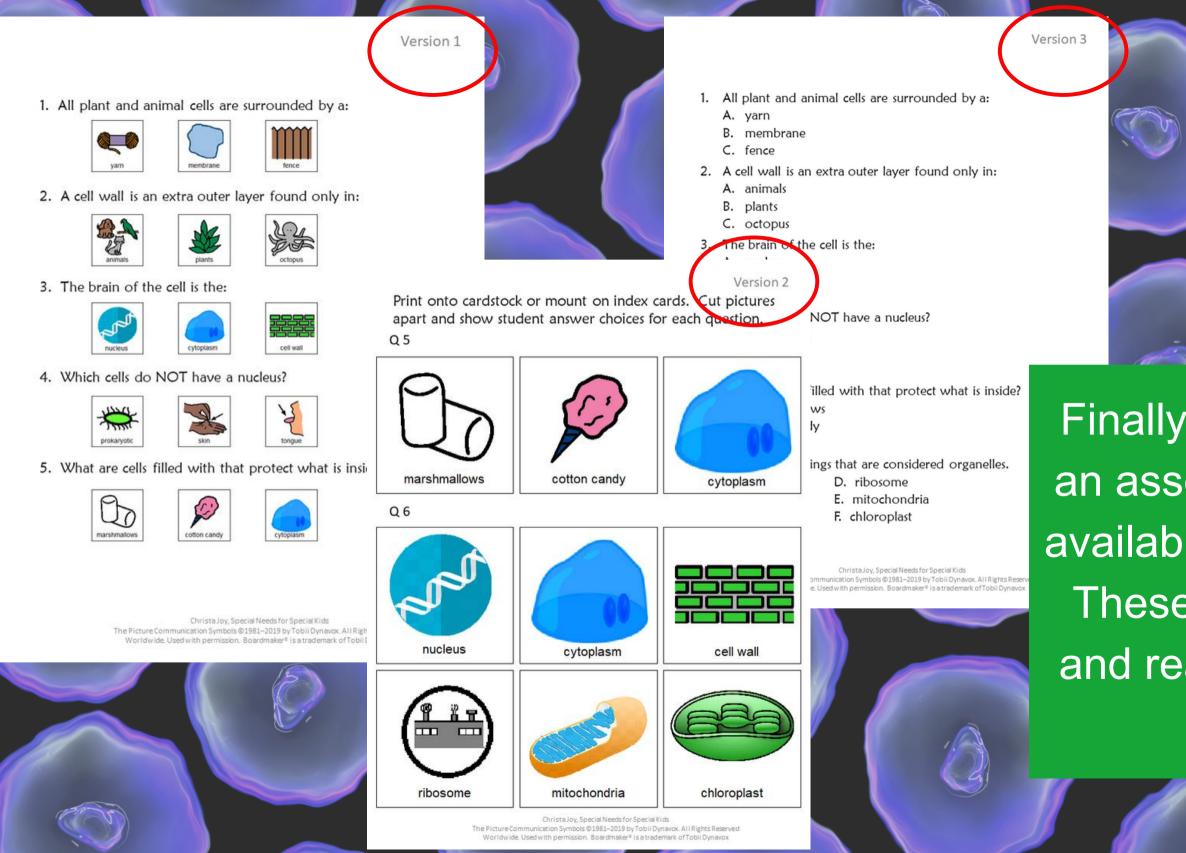
involuntary organ

homeostasis cell

organism







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.

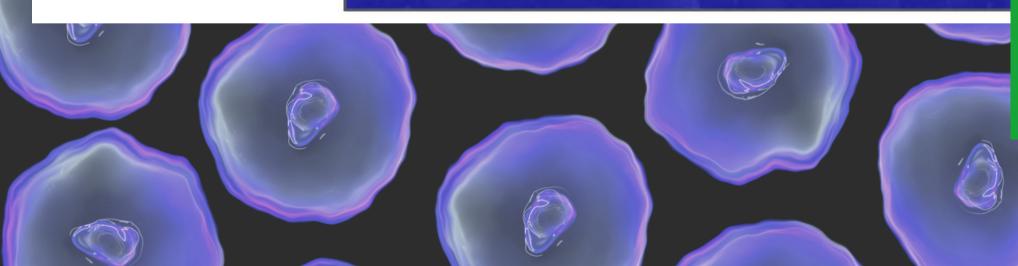


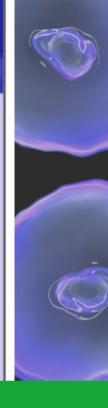
Watch the movie on Cells and Cell Processes

Ribosomes are like tiny factories that make something called proteins.



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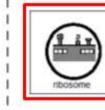
The movie version of the book from the unit.



Great for review

Day 4

Create cellular respiration inside the mitochondria of a plant cell.











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The digital activities are click and drag.



Perfect for any learning level

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

Day 2 differentiated

Label the parts of the animal cell.





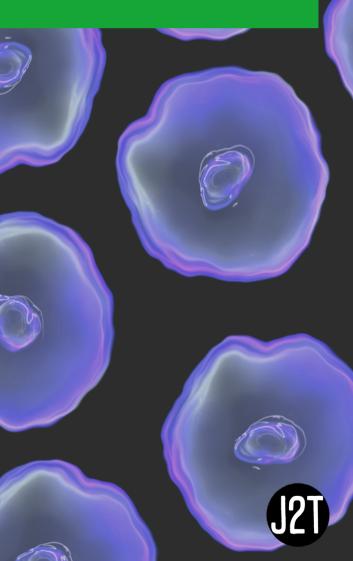






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Still have questions?

Reach out at specialneedsforspecialkids@gmail.com

I will answer your question personally and promptly.

