



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

Biology 1

- 1. Cell Transport includes Diffusion
 - Osmosis Active Transport
- 2. Cells and Cell Processes
- 3. Evolution Unit and Cladograms
- 4. Genetics and Heredity
- 5. Levels of Organization of Cells
- 6. Mitosis and Meiosis Cell Division
- 7. Photosynthesis

Biology 2

- 1. Chloroplasts and Photosynthesis
- 2. Mitochondria of the Cell Organelle
- 3. Nucleus of the Cell Organelle
- 4. Punnett Squares
- 5. Ribosomes and Translation Cell
 Organelle

This bundle includes 84 different units that are often taught in

middle and high school.

Chemistry

- 1.12 Science Experiments
- 2. Scientific Method
- 3. Famous Scientists
- 4. Atoms Chemistry
- 5. Periodic Table
- 6. Mixtures and Solutions
- 7. Physical and Chemical Changes

Physics

- 1. Electricity and Circuits
- 2. Light Energy
- 3. Electromagnetic Spectrum
- 4. Motion Graphs
- 5. Potential and Kinetic Energy
- 6. Simple Machines
- 7. Sound Energy
- 8. Thermal Energy
- 9. Types of Forces: Magnetic Forces,

Gravity, Push & Pull

Anatomy 1

- 1.5 Senses
- 2. Cardiovascular System
- 3. Digestive System
- 4. Muscular System
- 5. Nervous System
- 6. Respiratory System
- 7. Skeletal System

Anatomy 2

- 1. Circulatory System
- 2. Endocrine System and Diabetes
- 3. Immune System
- 4. Integumentary System
- 5. Urinary and Reproductive Systems

Health

- 1. Healthy Choices
- 2. Introduction to Health
- 3. Physical Health and First Aid
- 4. Social Health and Social Media Safety
- 5. Emotional Health and Self-Esteem

Biomes

- 1. Aquatic Ecosystems
- 2. Ecology and Food Chains
- 3. Terrestrial Biomes
- 4. Desert Biome
- 5. Forest Biome
- 6. Grasslands Biome
- 7. Tundra Biome

Earth Science

- 1. Earth, Sun, Moon: Tides and Eclipses
- 2. Hurricanes
- 3. Severe Weather
- 4. Layers of the Atmosphere
- 5. Layers of the Earth
- 6. Seasons of the Year
- 7. Types of Clouds
- 8. Water Cycle

Environmental

- 1. Air Pollution Unit
- 2. Climate Change and Global Warming
- 3. Deforestation
- 4. Effects of Increasing Human Population
- 5. Endangered Species
- 6. Food Supply Chain
- 7. Pollution and Conservation
- 8. Renewable Energy
- 9. Sustainability
- 10. Waste Management
- 11. World Water Supply

Animal Science

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- 2. Animal Adaptations: Gorillas and Tigers
- 3. Camels
- 4. Kangaroo
- 5. Meerkat
- 6. Moose
- 7. Polar Bears

- 8. Prairie Dogs
- 9. Red Fox
- 10. Penguin
- 11. Sloths
- 12. Turkey Science
- 13. Wildebeest
- 14. Reindeer

All the units are structured similarly so students become familiar with the type of activities and can concentrate more on the content. Most units include:

- Detailed lesson plans
- Book
- Vocabulary
- Circle maps
- Sorting activities
- Sequencing/organizational charts
- Close worksheets
- Assessments (3 versions)

The activities are differentiated to allow more students to participate in the same activity.

- Saves you time
- Fosters inclusion



KEEP SCROLLING FOR ALL THE DETAILS

Table of Contents

Pages	Activity	
4-5	Vocabulary board	
6-10	Vocabulary cards	
11-22	Vocabulary cut and paste	
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49-54	Sorting activities	
55-57	Writing prompt	
58-64	Sudoku puzzle	
65-66	Word search	
67-71	Cloze worksheets	
72-82	Assessment	
83-84	Terms of Use	

Also included in this resource as separate files:

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

Every unit has a table of contents.
There is a separate file with directions and links to the digital activities.

Lesson plan

Day 6

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 	BookVocabularyboard
Vocabulary cards speed game (15 minutes) OR BINGO	 Place the finished vocabulary cards in the middle of the table Either hold up or describe a card and the student who can find it first wins and keeps the card The student with the most cards at the end is the winner 	 Vocabulary cards Vocabulary board
Writing prompt (10 minutes)	 Complete the writing prompt about taking a walk in the forest Students can do more than one if desired These are errorless Can make more than one story 	Writing promptScissorsGlue
Sharing (10 minutes)	Each student shares their story with the group using the communication method of their choice	 Completed story Communication devices

Every unit has a detailed lesson plan with:

- suggestions
- overview
- daily step-bystep guide

Forests are the primary source of the oxygen we breathe. While making that oxygen, forests also recycle much of the excess carbon dioxide that has built up on our planet.



The other deforestation technique is called logging. This is when the trees are cut down by the thousands and hauled away to use for lumber. It also destroys the habitat for the plants and animals



Book

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

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

that live there.















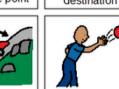


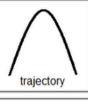














Vocabulary

fossil fuels

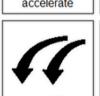
A natural resource on earth like natural gas, coal, oil that is limited in supply and releases carbon dioxide when burned.



carbon dioxide

Released when fossil fuels are burned and trap more heat on earth.







The Picture Commu

sustainability

projectile

Meeting the needs of the present while still being able to meet the needs in the future.



renewable

Sources of energy that can never run out like solar and wind.



Greenhouse effect

ses in the earth's atmosphere that trap heat from the sun.



urbanization

Changing more of the country into a city where fewer plants can grow.



nonrenewable

Sources of energy that can run out like coal, oil, and natural gas.



solar energy

Energy produced from the light and heat of the sun. The most abundant renewable resource.

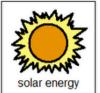


Frrorless version

Place the pictures in the circle map on previous page about sustainability.



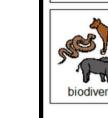




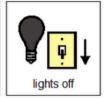
















Place the pictures in the circle map on previous page ONLY IF you think it relates to sustainability.







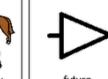


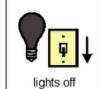




Christa Joy, Special I

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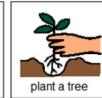












circle maps

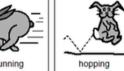
Each unit comes with a circle map to visually review the main facts from the book. These come with an errorless option and an option with wrong answers mixed in.













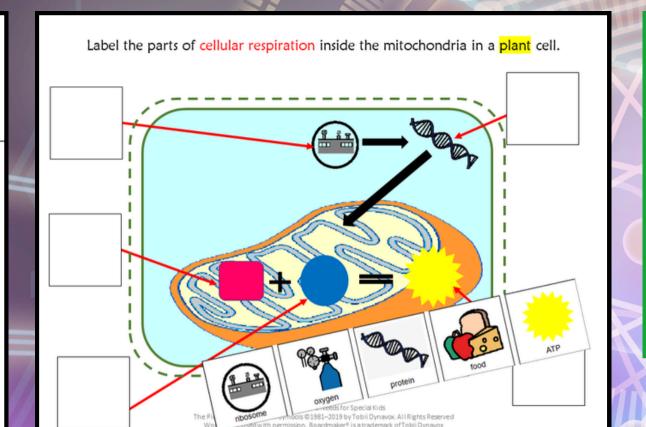




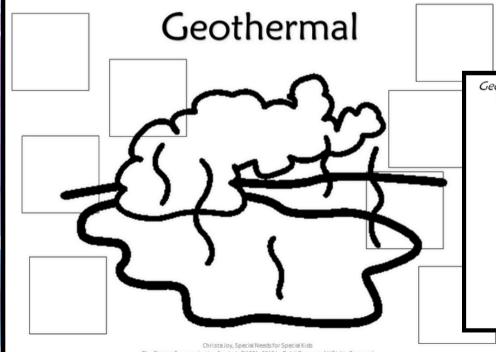








There are matching, sorting, labeling, and sequencing activities. Suggestions for differentiation or a differentiated version is included.





Cut out symbols and place on the image depicting geothermal energy.



















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Physical or Chemical Change Experiment #2

Producing a Gas

People on my team:

Materials needed:









Christa Jo The Picture Communication Sym



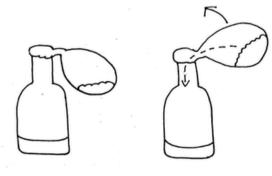
Producing a Gas

The Experiment:

Balloon #1

- Carefully place the balloon on the bottle without letting the contents spill in. (Teacher to do)
- 2. Lift up the balloon and empty the contents into the bottle.
- 3. Observe changes in the balloon.

Balloon #2: Repeat same process



Christa Joy, Special Needs for Special Kids

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Pg 4

Physical or Chemical Change Experiment #2

Producing a Gas

My hypothesis



Many of the units have experiments. These are laid out in a very structured format to allow students to

work with peers as

independentlay as possible.

experiments

Producing a Gas

Physical or Chemical Change Experiment #2

What I knew

When there is a chemical change gas



When there is a physical change then gas is released.

What I learned

Bottle #1 had a change.









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Wind

1. You can also make electricity by using the wind.



2. The wind spins a



that creates electricity.

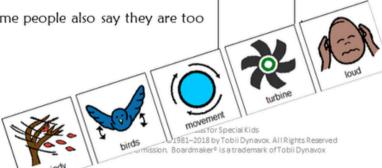
3. This type of energy works better in areas that are more



4. The windmills can be dangerous for



5. Some people also say they are too



Review sheets

Biomass

1. Feedstock is made up of



and other waste material.

2.

is used to change the waste into electricity.

3. Biomass is a

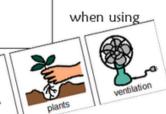


energy source.

4. Biomass

our need for nonrenewable energy sources.

5. You need to make sure there is good bioenergy.



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

Version 1

1. Animals that are endangered could become what?







What is the cause of the extinction of most species today?







What are some of the causes of a species becoming endangered? (circle all)















What law did Congress pass to protect species from becoming extinct.







5. Are invasive species a good or bad thing?







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Assessments

Version 3

- Animals that are endangered could become what?
 - Food
 - Extinct
 - People
- What is the cause of the extinction of most species today?
 - People
 - Weather
- What are some of the causes of a species becoming endangered? (circle all)
 - Deforestation
- D. Endangered Species Act
- Urbanization
- E. pesticides
- Invasive species
- F. over-hunting
- What law did Congress pass to protect species from becoming extinct.
 - Constitution
 - Endangered Species Act
 - Bill of Rights
- Are invasive species a good or bad thing?
 - Good
 - Bad
 - I don't know
- What does global warming and deforestation hurt?

 - Habitats
 - Mall

Finally, each unit has an assessment that is available in 3 versions. These are given 1:1 and read aloud to the student. It also includes a traditional multiple-choice version included.

Christa Joy, Special Needs for Special Kids The Picture Communication Symbols @1981-2018 by Tobii Dynavox, All Rights Reserved 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 are 2 complete sets of slides. One set is differentiated using color.

Make great independent learning centers.

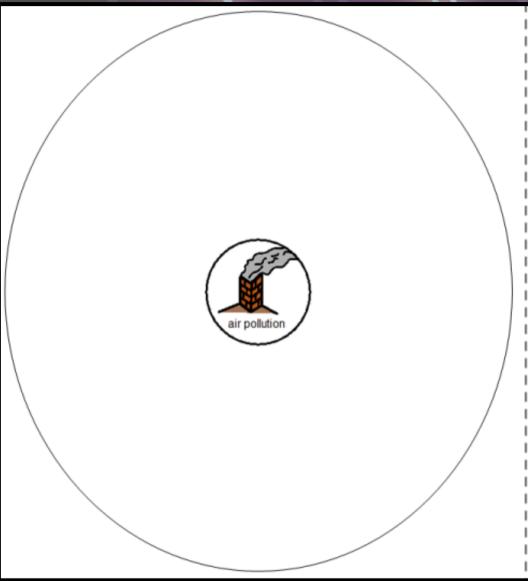
Cars and other forms of transportation are the largest producers of primary pollutants. Factories are not far behind.

Watch the movie on Air Pollution



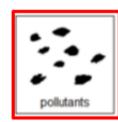
The movie version of the book from the unit.

Use for more review.

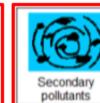


Place the picture in the circle map **ONLY IF** they relate to air pollution.





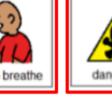


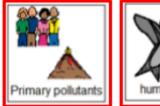




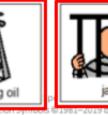








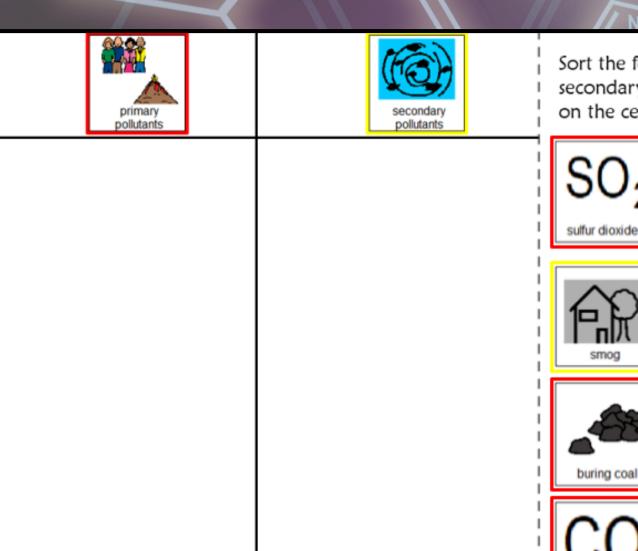




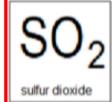


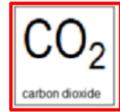
The digital activities are click and drag.

Perfect for any learning level.



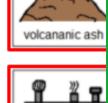
Sort the following into those that are primary or secondary pollutants. If you are not sure, place it on the center line.











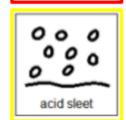












Each unit comes with a set of slides that are differentiated with color.

Still have questions?

Reach out at specialneedsforspecialkids@gmail.com

I will answer your question personally and promptly.

