

WHAT'S INCLUDED?

created by Whitney Shaddock, the first grade roundup

3 weeks of
lesson plans

unit outline

14 objective
cards

14 vocab
match cards

17 anchor
charts

a Next Gen Science unit on
ORGANISMS
a k-2 resource by the first grade roundup



1 STEM
challenge

hands-on
activities

exploration
stations

3 writing
prompts

printables

UNIT OVERVIEW + LESSON PLANS + OBJECTIVES

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Organisms: Week 1

Essential Question: What are organisms?

DAY 1 (20 min): Living or Non-Living: Read the "Living or Non-Living" article from pebbles.com (<https://www.pebbles.com/modules/2/articles/280>) or watch this YouTube video, "Ernie Dresses a Snowman," (<https://www.youtube.com/watch?v=x13dn6Q-S1k&24>) After reading or watching, chart what organisms can do and what they need. See my Finished example for reference. **Guiding question:** What makes an organism living? Non-Living? What's an example of a living organism? Non-Living? **Literacy Connection:** Read *What's Mine?* book.

DAY 2 (30 min): Living/Non-Living Sort: Review the article or video from day 1 and the students will work in partners or groups to cut pictures of living and non-living things from a magazine or construction paper. You can use the living/non-living labels provided to let kids glue at the top. I added a blankline master sort to use in place of the magazine sort OR as an assessment. **Guiding question:** Why? **Literacy Connection:** Read the poem, "I'm an Organism" during shared reading.

DAY 3 (25 min): Animals: Read the pebbles.com article, "What are animals?" (<https://www.pebbles.com/modules/2/articles/280>) As you read, fill out the anchor chart Animals: Can-Have-Need. Fill out whole group or use the shared research. **Guiding question:** What can animals do? What do animals have? What do they need? **Literacy Connection:** Write an informative paragraph about animals during writers' workshop.

DAY 4 (25 min): Plants: Read the pebbles.com article, "What are plants?" (<https://www.pebbles.com/modules/2/articles/280>) As you read, fill out the anchor chart Plants: Can-Have-Need. Fill out whole group or use the shared research. **Guiding question:** What can plants do or not do? What do plants have? **Literacy Connection:** Write an informative paragraph about plants. (prompt paper included).

DAY 5 (30 min): Plants Vs. Animals: Review the animal and plants charts from day 3 and day 4. Are they similar and different. Use the interactive powerpoint file to do the Venn Diagram digitally. **Guiding question:** How are plants and animals different?

I can compare living and non-living things.



Organisms Unit Outline

Big Idea: Organisms have tools for survival.

Week 1: What are organisms?

Week 2a: How are offspring like their parents?

Week 2b: How do offspring learn to survive?

Week 3a: What do organisms use to survive?

Week 3b: STEM Challenge: Copy Cat

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I can compare animals and plants.

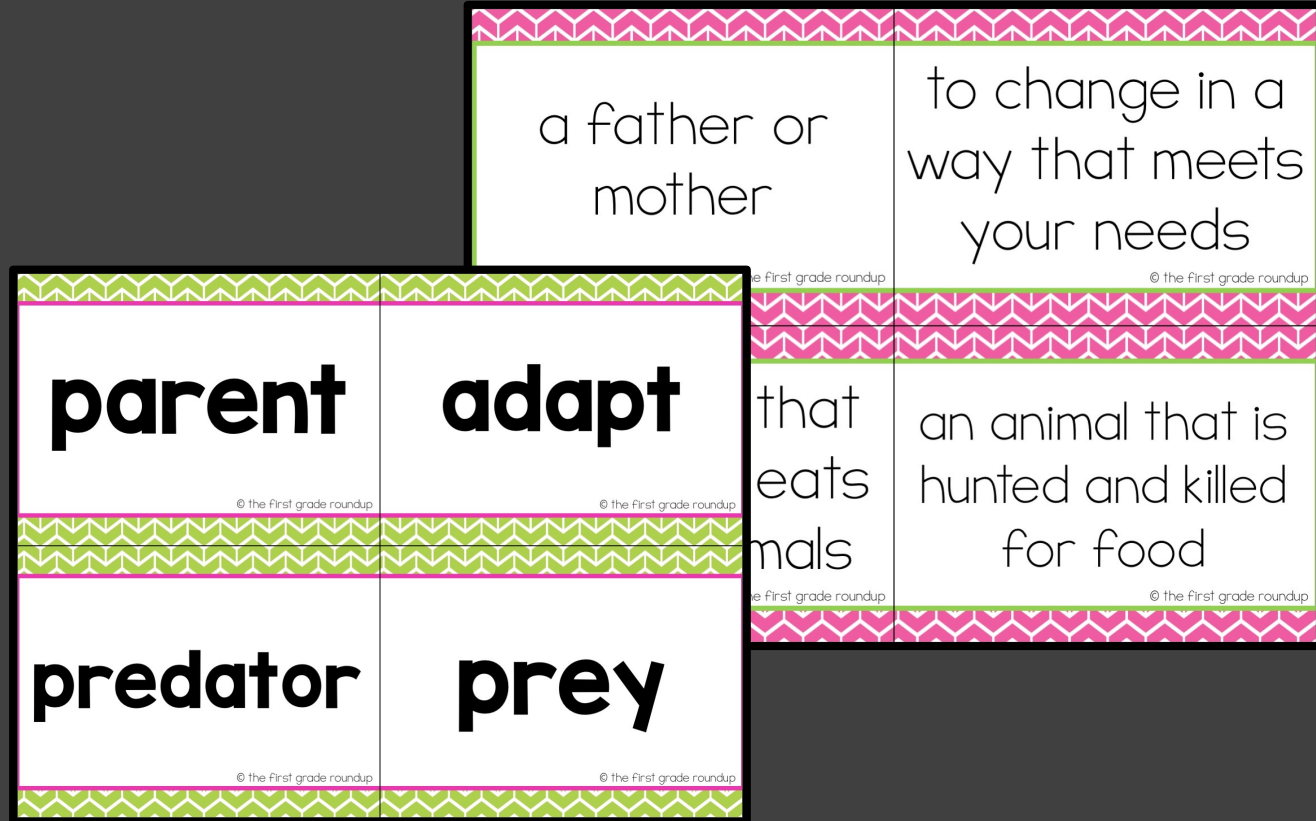


12 ACADEMIC VOCABULARY MATCHING CARDS

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Use these to...

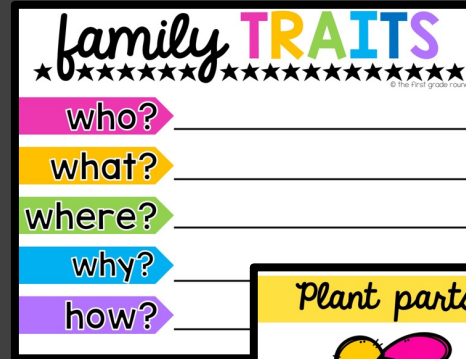
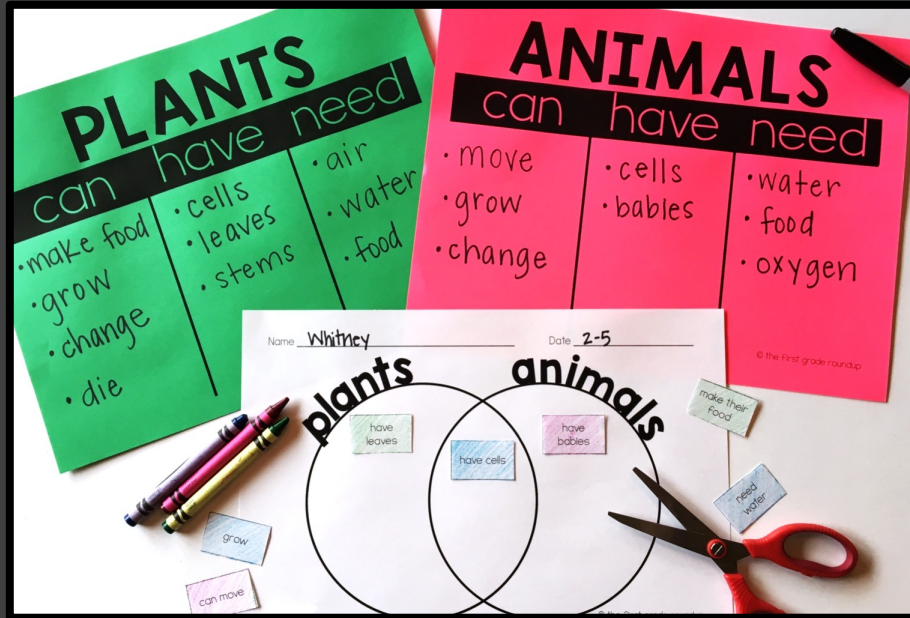
- introduce vocabulary
- match words to definitions in centers
- post on a science vocab word wall.



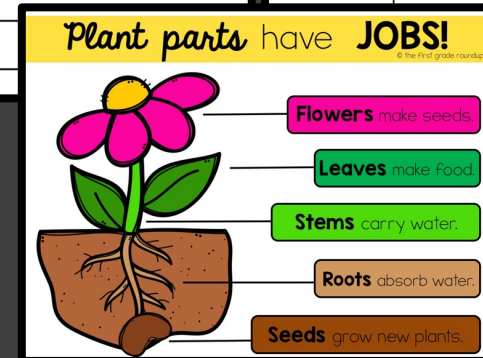
17 ANCHOR CHARTS IN COLOR AND BW TEMPLATES

created by Whitney Shaddock, the first grade roundup

Organisms can/need * living & non-living * Animals can/have/need * Plants can/have/need
* Are you my Parent? * Family traits * Our eyes * Our hair * Our tongues * Our earlobes *
Our skin * Our cheeks * plant parts have jobs * Feet adaptations * Mimic animal
adaptations * Invent me

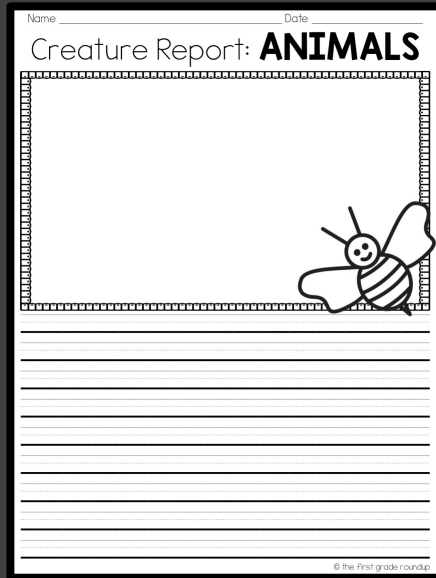
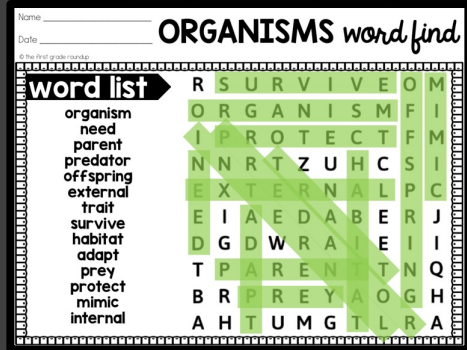
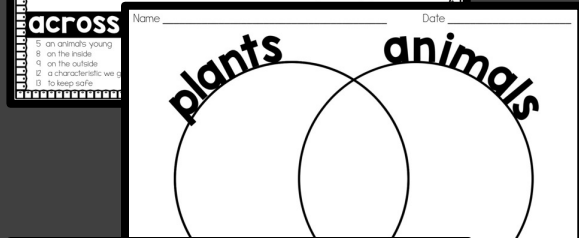
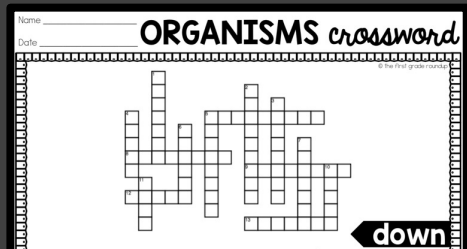


Feet Adaptations		
ANIMAL	TYPE OF FEET	HOW COULD I USE THIS ADAPTATION?



PRINTABLES WITH ANSWER KEYS

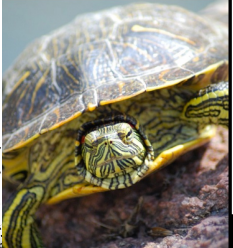
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MIMICKING STEM CHALLENGE

created by Whitney Shaddock, the first grade roundup

What's the
PROBLEM?



Sam is going for a ride on his brand new bike. His mom is nervous that he will fall and hurt his head or another part of his body. How could Sam mimic

solve this pr

A

Slides &
Printables for
each step

Name _____ my **PUBLISHED** idea

Date _____

title: _____

What is the **purpose** of my idea?

What **materials** did I use?

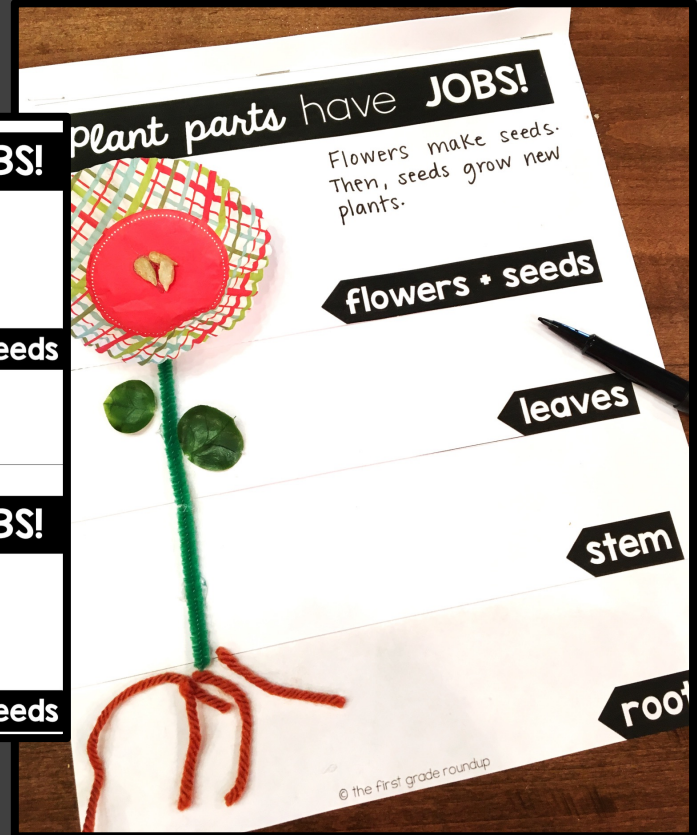
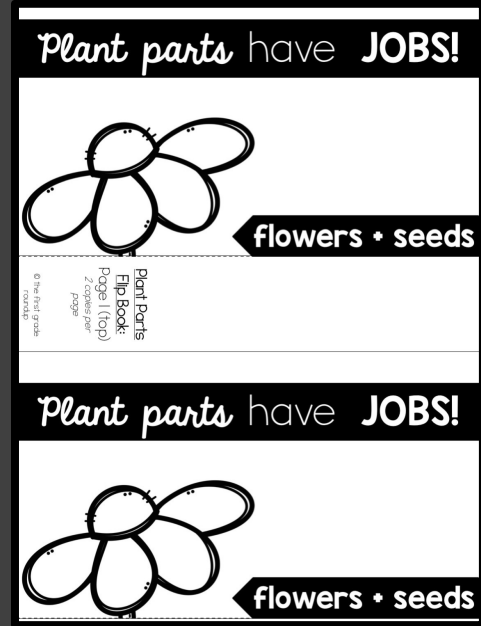
Here is what it **looks like**.

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HANDS ON ACTIVITIES

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8 ANIMAL ADAPTATION STATIONS

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WHAT OTHER TEACHERS ARE SAYING

thefirstgraderoundup.com

This unit has wonderful real pictures, great exploration experiences, and easy data sheets for young students to understand and fill out. There are opportunities for differentiation as well. This packet offered so much that I was not able to get everything finished, looking forward to using again

~Jackie

My students loved this unit! It is super organized and easy to follow. It hits all the standards perfectly and is fun for the students! Thank you!

~Laura

Wow!! This is a jam-packed resource!! Awesome!!! My kids LOVE those stations!

~Michelle

HOW TO USE THIS UNIT

thefirstgraderoundup.com

This unit is a science unit based on the NGSS. It is not a fully integrated unit like many other units in my store (<https://bit.ly/CCunits>). It is heavy science. However, I have added literacy connection notes to help you find integration opportunities as well as a few writing prompt templates.

Each week has 5 lessons ranging from 15-45 minutes long. This is intentional and to help you squeeze in science where ever you can. Read more about how to squeeze in science here: <http://www.thefirstgraderoundup.com/2015/10/squeezing-in-science-animals.html>
If you can't teach science every day, many of the lessons can be combined into a single, 45 minute lesson instead of 2 mini-lessons, etc) Feel free to modify as you see fit!

Links to trade books and resources can be found in here:
<http://www.thefirstgraderoundup.com/search?q=organisms>

Feel free to email me if you have any questions: thefirstgraderoundup@gmail.com

HOW TO USE THE ANCHOR CHARTS

thefirstgraderoundup.com

There are several anchor charts in this unit. Research tells us that best practice is to fill out anchor charts with our kids instead of posting a premade chart. Any anchor chart that is premade is intended as a reference for you and not as a poster for kids! 😊 Here are some ways to use the anchor charts!

1. *Digital chart* - put the pdf on your interactive white board and record on the chart. Then you can go back and make it pretty on paper when you have more time later. Or, if it's just a brainstorming chart that you don't need to keep past one lesson, digital charts are a great option!

2. *Printed chart* - print out the full page template and add the information with your kids. This will be an 8x11 size and is okay for writing together under an ELMO/ladybug and then posting in a smaller area of the room for station use (like at a writing station) It's not the best option for reading across the room during desk work.

3. *Print a large poster* - watch my free video on printing single pages as large poster sizes across multiple pages. This is great when you need a larger option!

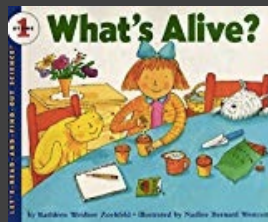
<https://www.teacherspayteachers.com/Product/Printing-Tips-for-Adobe-3099101>

4. *Trace it!* - pull up the pdf template on your interactive white board. Tape chart paper or butcher paper on top of the white board and trace the chart. Just trace the basics and then fill in the important details with your kids!

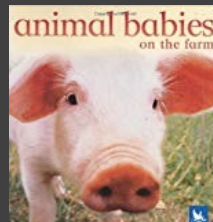
OUTSIDE RESOURCES RECOMMENDED

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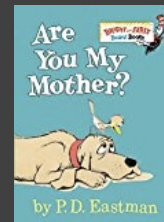
Here are the affiliate links for the trade books suggested in this unit.



[amzn.to/2O4Tiej](https://www.amazon.com/dp/B000APR004)



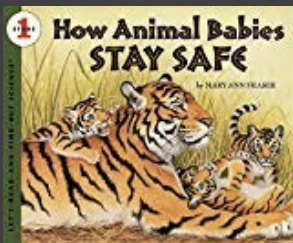
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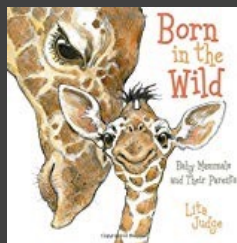
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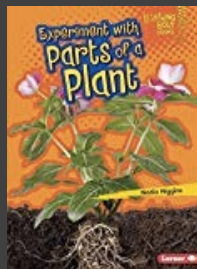
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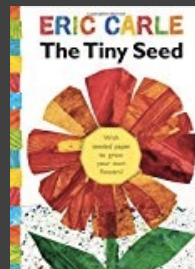
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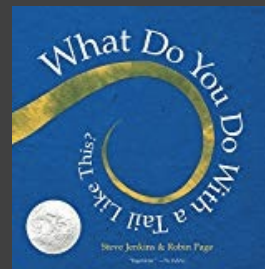
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Here are the affiliate links for resources you may need a closer look at or help finding. Other resources that are commonly found at Walmart are just listed. Some articles that are linked in this unit come from www.PebbleGo.com. Many schools have a subscription to this site. But you may want to check on that first.

Cupcake liners
Pipe cleaners
Yarn
Beads

Fabric samples of various textures
Smelly stickers
Craft sticks
Cling wrap

Plastic spoons
Gloves
Straws
Rubber bands

Toothpicks
Styrofoam cups
Toilet paper rolls
Dirt/soil

ABOUT THE AUTHOR

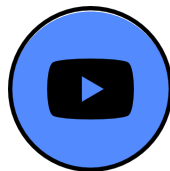
thefirstgraderoundup.com



Hey y'all! I'm Whitney Shaddock, the teacher author and blogger at the first grade roundup. I'm a National Board Certified teacher with my Masters Degree and have over 10 years of first grade experience in both high poverty and high wealth public schools. I've taught PreK Sunday School for over 17 years. I married my high school sweetheart in 2006. We were blessed with a beautiful boy in 2012 after years of infertility. In 2019, we adopted premie twins.

In 2011, I opened my TPT store. I love sharing real, practical resources I've tested and used in my own classroom. I am passionate about resources that align with the science of reading and full lesson plans and units to use in my classroom. Oh, and color coding is my love language! ☺

I love meeting new teachers, so let's connect!



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My own purposes
e.g. decorate room, create new resource, plan lesson, track progress

Other

4

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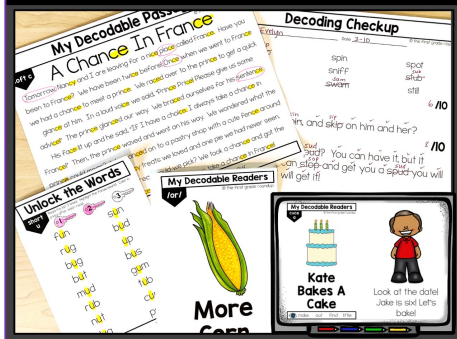
bit.ly/freephonics

OTHER BESTSELLERS YOU'LL LOVE

thefirstgraderoundup.com

1ST GRADE DECODABLES

digital + printable texts
created by Whitney Shaddock, the first grade roundup



NEXT GEN SCIENCE BUNDLE

1st grade Units
created by Whitney Shaddock, the first grade roundup



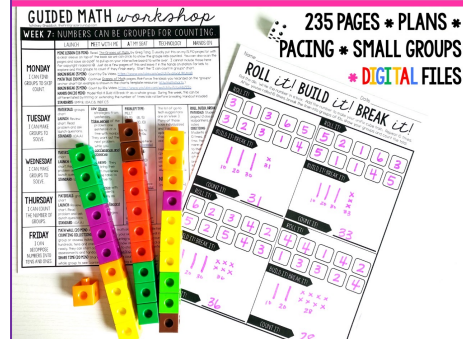
1ST GRADE PHONICS BUNDLE

a digital curriculum
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GUIDED MATH WORKSHOP

1st Grade Lesson Plans
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