

WHAT'S INCLUDED?

created by Whitney Shaddock, the first grade roundup

2 weeks of
lesson plans

unit outline

8 objective
cards

16 vocab
match cards

4 anchor
charts



1 STEM
challenges

4 hands-on
activities

digital slides

1 science
experiment

printables

UNIT OVERVIEW + LESSON PLANS + OBJECTIVES

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Sun Moon Stars: Week 1

Essential Question: What patterns do we observe during the day?

DAY 1 (20 min): The Sun. Read Jump Into Science: Sun and talk about what the sun is. Cut out the sun poster and glue it to construction or butcher paper to make an anchor chart. Chart learning about the sun as you read. **✶If you are doing the shadow experiment on Day 2, skip any parts about shadows.** **Guiding Questions** What is the sun? Does the sun change? What different observations of the sun?

DAY 2 (20 min in AM, 20 min in PM): Shadow Experiment. Follow the more about this on the blog: <http://www.thefirstgradefirst.com/2015/01/shadows-shadows-are-blocked-to-the-light-can-anchor-chart-and-add-pictures-or-words-shadow-objects-happened-to-the-shadow-why-did-it-change?> **Literacy Connection** Read Moonbeams finishing the experiment. **✶NOTE: this experiment is also in the Light unit. If you do it, review shadows with the texts during the other unit.**

DAY 3 (30 min): Length of Daylight. Watch this video about rotations and as you watch, I also love acting out the lamp and globe demonstration every year. **Guiding Questions** Why are some days shorter than other days?

DAY 4 (30 min): Daytime. **Literacy Connection** Brainstorm and chart this narrative paragraph about something you do during the daytime.

DAY 5 (30 min): Nighttime. **Literacy Connection** Brainstorm and chart this paragraph about something you do at night.

Some of these discussions lend themselves to studying the seasons, which are therefore left out of this Next Gen Unit. For a season extension, look here: www.thefirstgradefirst.com/2015/01/shadows-shadows-are-blocked-to-the-light-can-anchor-chart-and-add-pictures-or-words-shadow-objects-happened-to-the-shadow-why-did-it-change?

I can explain the earth's rotation pattern.



Sun Moon Stars Unit Outline

Big Idea: We can observe patterns in the sky.

Week 1: What patterns do we observe during the day?

Week 2: What patterns do we observe at night?

explain why light length changes.



16 ACADEMIC VOCABULARY MATCHING CARDS

created by Whitney Shaddock, the first grade roundup

Use these to...

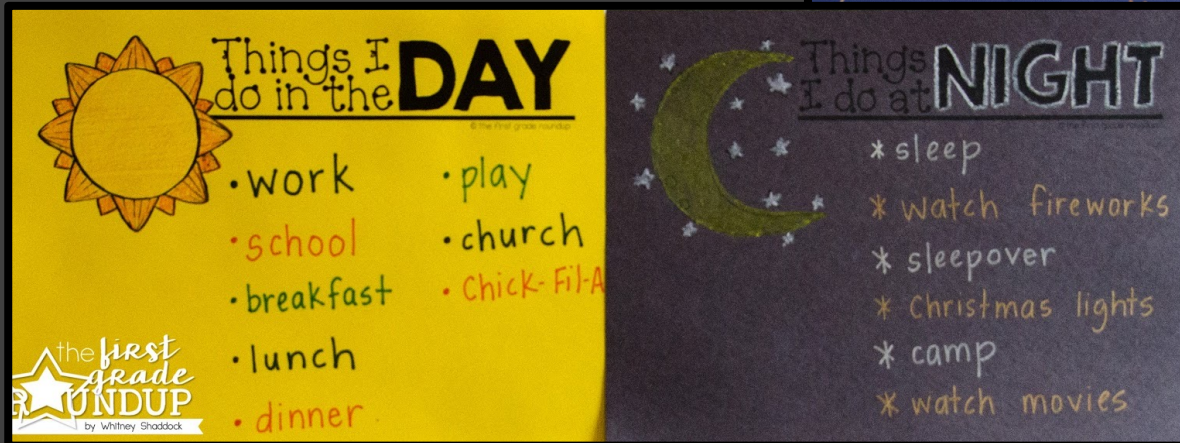
- introduce vocabulary
- match words to definitions in centers
- post on a science vocab word wall.



6 ANCHOR CHARTS IN COLOR AND BW TEMPLATES

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Sun * Moon * Stars * Things I
do in the Day * Things I do at
Night * Stars can-have-are



WORKSHEETS WITH ANSWER KEYS

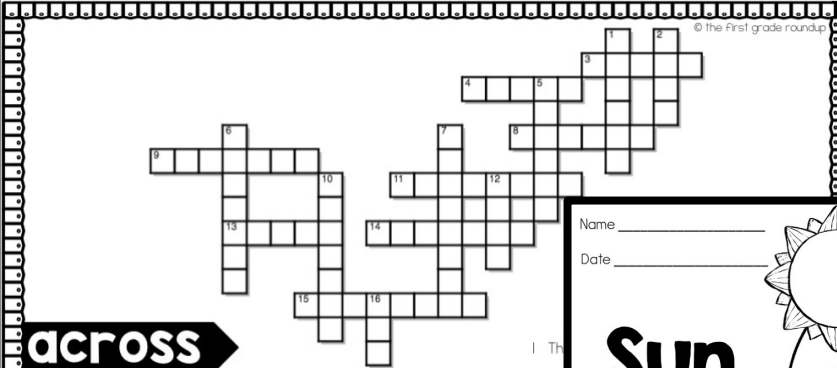
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Name _____

Date _____

SPACE crossword

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across

- The planet we live on
- A part of a cycle or pattern
- The amount of moon that can be seen is increasing
- One object in space blocks us from seeing another object in space
- All of the moon can be seen
- To go around something in the same pattern each time
- The moon cannot be seen
- The shape the moon takes when most of the moon cannot be seen

Name _____

Date _____

SPACE word find

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word list

sun
crescent
eclipse
with

P	A	T	T	E	R	N	K	I	F	S
N	J	Q	C	G	I	B	B	O	U	S
P	I	K	I	R	F	E	S	R	L	E
W	H	E	B	N	E	W	U	B	L	A
A	A	A	C	Y	E	S	N	I	M	S
N	L	R	S	V	C	W	C	T	O	O
I	F	T	T	E	L	A	M	E	O	N
N	M	H	A	P	I	X	V	O	N	K
G	O	F	R	X	P	I	F	S	O	T
W	O	P	X	H	S	N	X	B	I	N
Q	N	U	E	Y	E	G	R	M	T	E

Name _____

Date _____

Sun, Moon, Stars

I can compare and contrast.

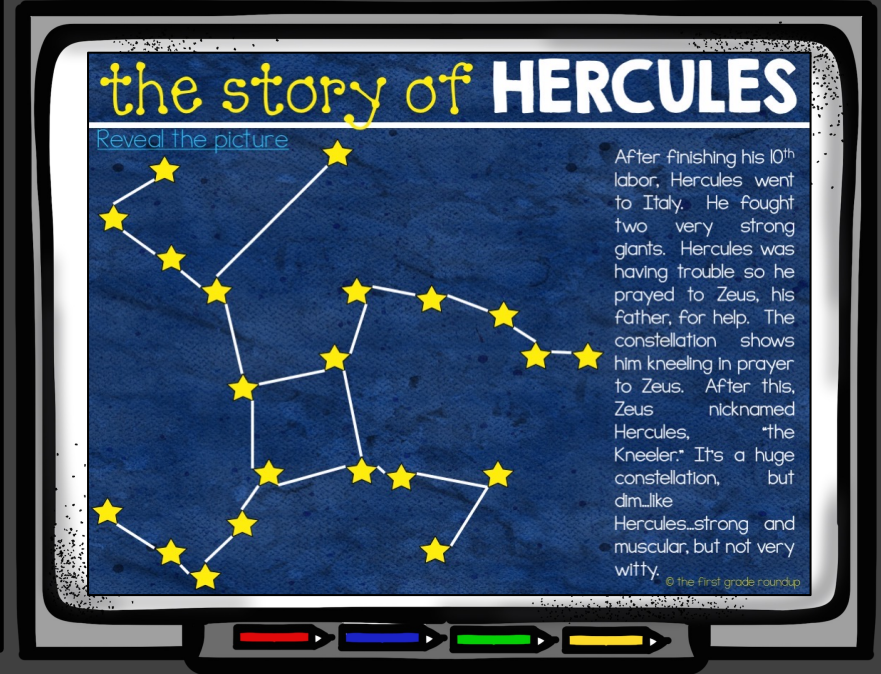
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• Sometimes, the moon can be seen during the day, so it's up to you where you put this one.

CONSTELLATION STEM CHALLENGE

created by Whitney Shaddock, the first grade roundup

With 5 digital constellation story slides



SCIENCE LAB + 3 WRITING PROMPTS

created by Whitney Shaddock, the first grade roundup

Name _____ Date _____

SCIENCE LAB: Will My Shadow Change?

Materials: sidewalk chalk and a friend

Steps:

1. Go outside early in the morning
2. Trace your partner's shadow
3. Go back outside in the afternoon
4. Observe your partner's shadow



observations

X

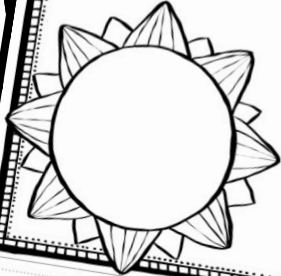
I predict my shadow will _____

My shadow actually _____

conclusion

Name _____ Date _____

What I Do During THE DAY



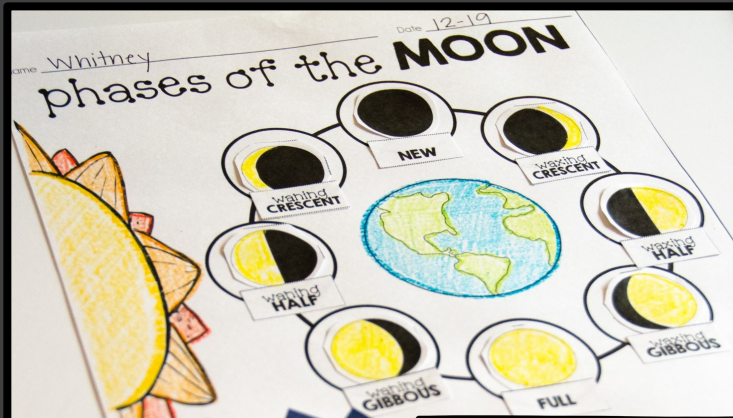
Below the title and sun illustration, there are several sets of horizontal lines for writing, each set consisting of a solid top line, a dashed middle line, and a solid bottom line.

The collage features several educational materials for children:

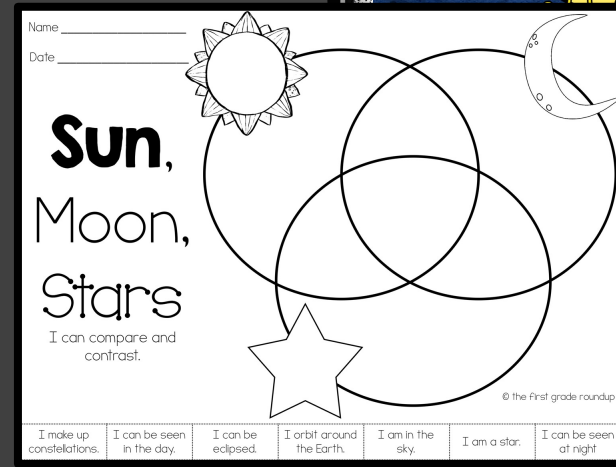
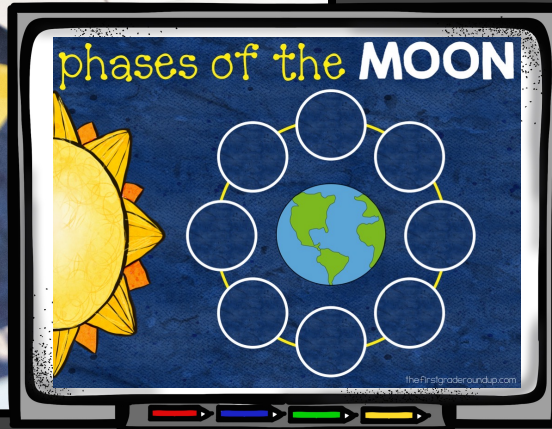
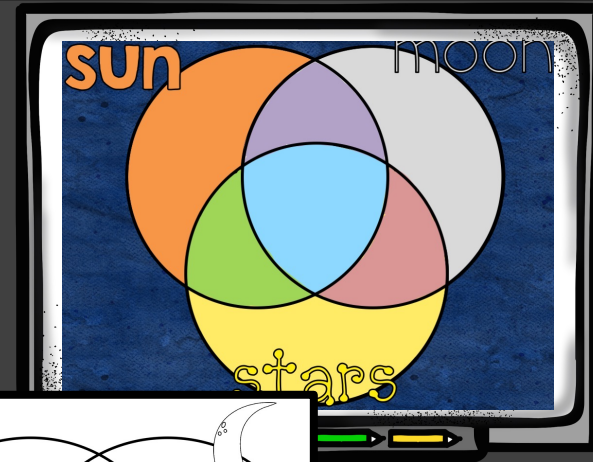
- Sun, Moon, Stars Worksheet:** A worksheet with the title "Sun, Moon, Stars" and the instruction "I can compare and contrast." It includes a drawing of the sun and a star. A circular diagram shows the moon's phases with labels: "I can be seen in the day" and "I am a star".
- What I Do At NIGHT Worksheet:** A worksheet with the title "What I Do At NIGHT" and the instruction "I can compare and contrast." It includes a drawing of the moon and stars. A table shows the moon's phases: "4" and "2".
- phases of the moon Worksheet:** A worksheet with the title "phases of the moon" and the instruction "I can compare and contrast." It includes a drawing of the moon and stars.
- Flashcards:** Several flashcards showing the moon's phases: "waxing gibbous", "waxing crescent", and "waxing half".

2 DIGITAL LESSON ACTIVITIES

created by Whitney Shaddock, the first grade roundup



Powerpoint files
with coordinating
blackline masters



WHAT OTHER TEACHERS ARE SAYING

thefirstgraderoundup.com

This resource was exactly what I needed!! The printable pages were beautifully created and I loved the completed PowerPoints! My students had so much fun learning about stars and constellations through this unit. I will definitely be using this again in the years to come.

Thank you for such a fantastic resource!!!

~Destiny

This was a great resource, with perfect visuals, engaging activities, and easy-to-follow directions.

~Rebecca

This science resource worked perfectly for my first grade students. It is engaging and I love that it has art and writing embedded in it. My students especially liked creating their own constellations and learning about the moon phases.

~Jennifer

ABOUT THE AUTHOR

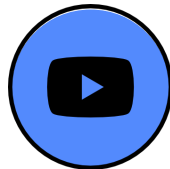
thefirstgraderoundup.com



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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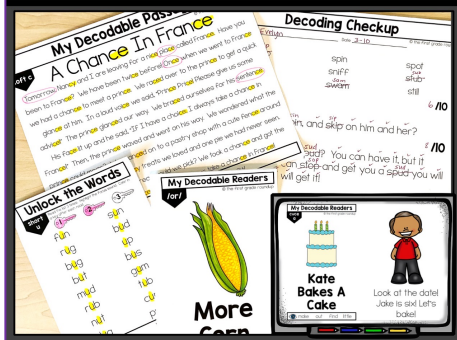


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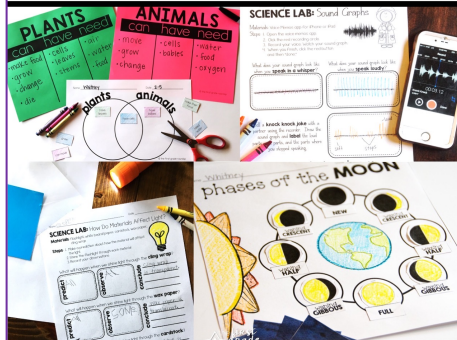
1ST GRADE DECODABLES

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



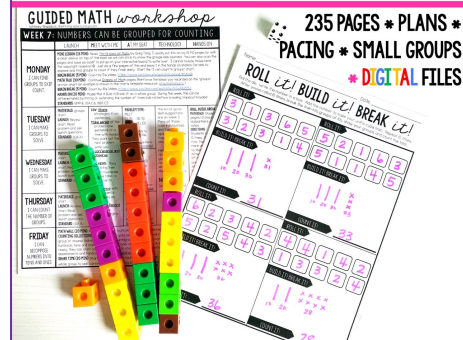
1ST GRADE PHONICS BUNDLE

a digital curriculum
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GUIDED MATH WORKSHOP

1st Grade Lesson Plans
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