

LET'S LEARN ABOUT

# ANTS



A COMPLETE  
NONFICTION  
SCIENCE & ELA  
UNIT

# LET'S LEARN ABOUT: ANTS

## SUGGESTED PACING GUIDE

LET'S LEARN ABOUT

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### PACING GUIDE



### PACING GUIDE



Day 6: To Be From Christine



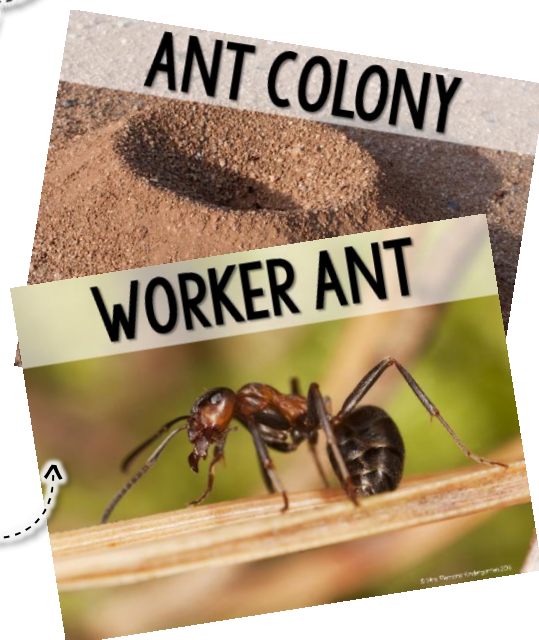
### PACING GUIDE

- Day 1: Activate Schema
  - Ask students what they think they know about ants.
  - Construct a schema chart or complete K portion of a KWL chart as a class.
  - Students can write their ideas with words and/or pictures at their level of ability on their own graphic organizer or post-its to put on the class chart.
- Day 2: Explore Ant Facts
  - Allow students to explore related materials to develop questions (e.g. ant posters, ant books, ant farms with real ants, magnifying glasses, toy ant models, etc.).
  - Construct a questions chart or complete W portion of a KWL chart as a class.
  - Students can write their questions with words and/or pictures at their level of ability on their own graphic organizer or post-its to put on the class chart.
- Day 3: Read Nonfiction book(s)
  - Choose a nonfiction book to share with the class (see book list for suggestions).
  - During read aloud, model questioning for students.
  - Students can write their questions with words and/or pictures at their level of ability on their own graphic organizer or post-its to put on the class chart.
- Day 4: Introduce New Vocabulary
  - Read another nonfiction book that has a majority of the new vocabulary you'd like to introduce.
  - As you encounter new words, introduce the vocabulary cards. Display on bulletin board or pocket chart.
  - Students complete vocabulary pages for their own books.
- Day 5: Essential Questions/New Learning
  - Introduce and discuss the questions that will focus your learning.
  - Select book(s) to share with the class.
  - Students complete activities to show their learning.
  - Students can write their learning with words and/or pictures at their level of ability on their own graphic organizer or post-its to put on the class chart.

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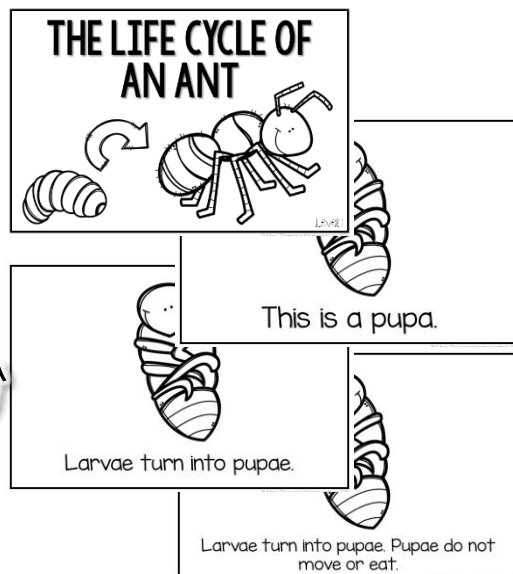
## 9 TEACHING POSTERS



## 6 VOCABULARY CARDS



## 3 LEVELED MINI READERS





# LET'S LEARN ABOUT: ANTS

## ESSENTIAL QUESTIONS

### ANTS: BOOK LIST

### TECH TIPS



- Conducting a Web Search
  - Use <https://www.kiddle.co> to conduct safe web searches using the visual search engine.
  - If using Google, teach students to type in their question and then add their words after anything they type in for better search results.
  - Both options will bring more relevant results and be less likely to lead them to inappropriate content.
- Image Search
  - Students can learn a lot from pictures, so allow them to do an image search if it is appropriate for their question.
  - I recommend using Kiddle exclusively for these searches to avoid inappropriate results.
- Use the iPad Dictation Tool
  - If you have iPads in your classroom, they will make searching the web much easier & faster for young students with limited spelling abilities. Students simply click the search bar, then tap the microphone button and ask their question (eg how do ants come transform into adults?) and results will be read to them.
  - Use the iPad's 'Read' to Speech Option. Again if you have iPads in your classroom, turn on the text to speech option so that students can have web pages and other text read to them.
  - Go to Settings > General > Accessibility > Speech Selection. After you slide it on, you can choose the speed as well as if you would like the words highlighted.



- Now highlight a word, sentence, paragraph or entire page of text. When you have the text highlighted, you will now have a speech option that comes up with the other options such as copy and define.
- The voice is smooth, but you no longer have to answer "What is the word?" by default.

## TECH TIPS



### QR CODE: VIDEOS

### QR CODE: WEBSITES



Kids Encyclopedia  
Ants



Ants



Life Cycle of an  
Ant



Ant Life  
Cycle

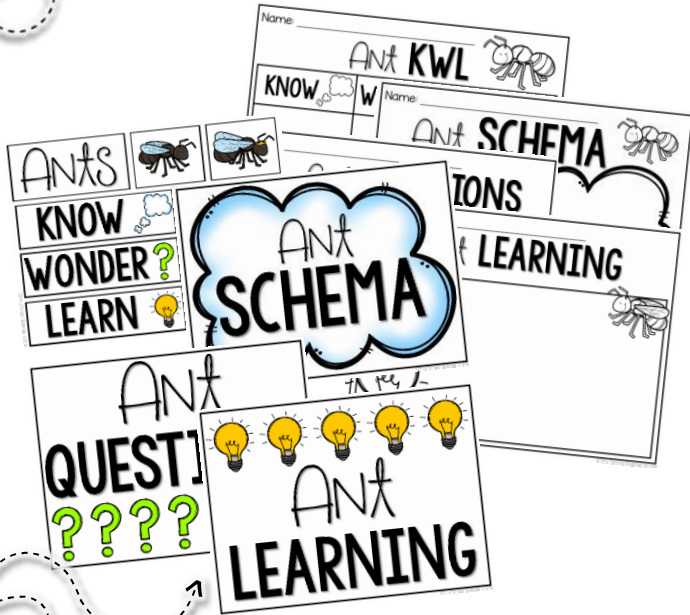
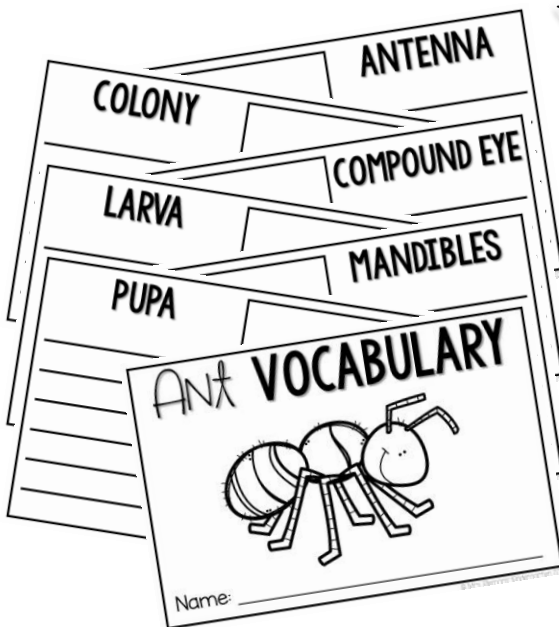


All About  
Ants



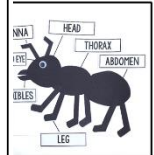
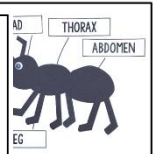
## BOOKS, TECH TIPS, AND MORE!

## ANCHOR CHARTS W/STUDENT PAGES

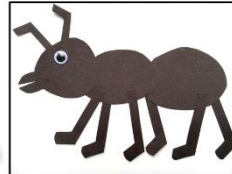


## STUDENT VOCAB. BOOKS

### Options for LABELING



### Directions for CRAFTIVITY



1. Copy pattern pieces onto designated color of construction paper.
2. Give the pattern pieces to your student's and have them cut them out.
3. Give the body part's (together head, thorax, abdomen).
4. Glue antennae to the back of the head.
5. Glue a googly eye to the ant's head.
6. Glue the mandibles to the front of the head.
7. Glue the legs to the thorax and abdomen.
8. Center and glue ant on a plain sheet of paper.
9. Glue the labels next to the correct part's and add lines for the labels.

## LABELING CRAFTIVITY

# LET'S LEARN ABOUT: ANTS

Name: \_\_\_\_\_

Book: \_\_\_\_\_

MAIN IDEA: \_\_\_\_\_

SUPPORTING DI: \_\_\_\_\_

Name: \_\_\_\_\_

Let's Compare

WORKER

QUEEN

Name: \_\_\_\_\_

ANTS

CAN	HAVE	ARE

## GRAPHIC ORGANIZERS

## NONFICTION WRITING

LARVA: \_\_\_\_\_

MANDIBLE: \_\_\_\_\_

ANT FACTS

ANT LIFE CYCLE

PARTS OF AN ANT

TABLE OF CONTENTS

Page(s): \_\_\_\_\_

All About ANTS

Name: \_\_\_\_\_

## HANDS ON ACTIVITIES

Experiment: ANT TASTE TEST

Question: What tastes do ants prefer?

Procedures: \_\_\_\_\_

Experiment: ANT COMMUNICATION

Question: How do ants communicate?

Procedures: \_\_\_\_\_

Hands On: TRACKING ANT BEHAVIOR

Questions: How do ants build homes? What do different types of ants do?

Procedures: \_\_\_\_\_

## GROUP RESEARCH PROJECT

### Ant Group PROJECT RUBRIC

Name: \_\_\_\_\_

Group REFLECTION

Things that well in my g

Name: \_\_\_\_\_

Ant PROJECT NOTES

Names: \_\_\_\_\_

Group PLANNING

WE WILL PRESE

MATERIALS W

Name: \_\_\_\_\_

Ant RESEARCH

Source: \_\_\_\_\_

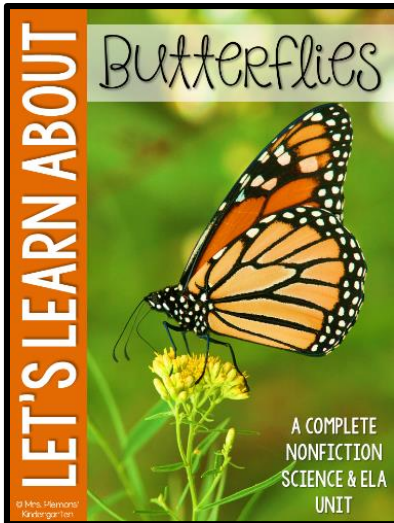
GUIDING QUESTION:

MY THINKING:



# MORE PRODUCTS YOU MAY LIKE:

## Life Cycle Science/ELA Units



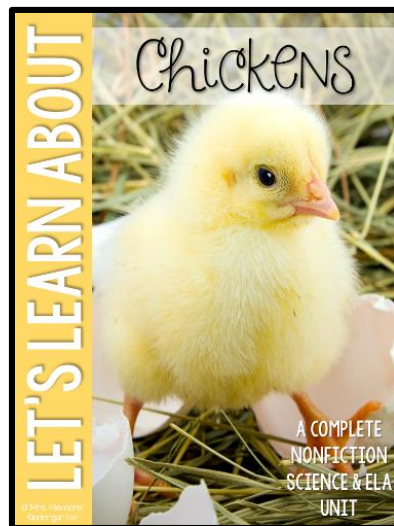
Let's Learn About:  
Butterflies



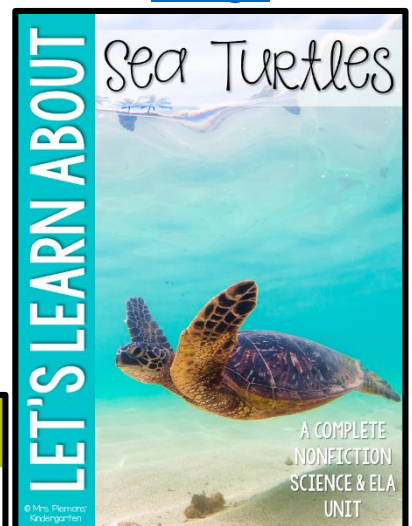
Let's Learn About:  
Frogs



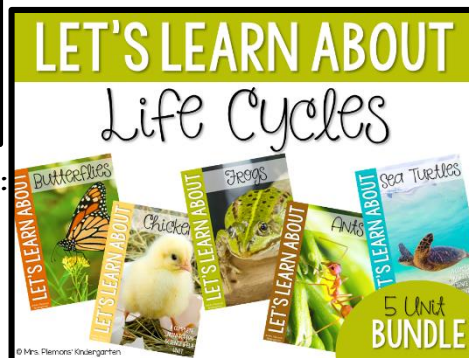
Let's Learn About:  
Ants



Let's Learn About:  
Chickens



Let's Learn About:  
Sea Turtles



Let's Learn About:  
Life Cycles BUNDLE

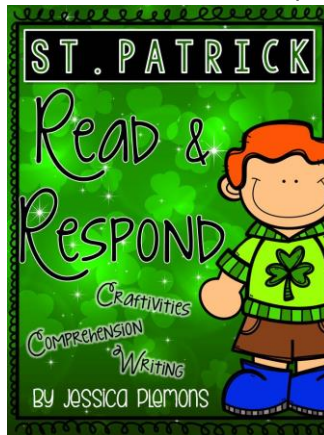


# MORE PRODUCTS YOU MAY LIKE:

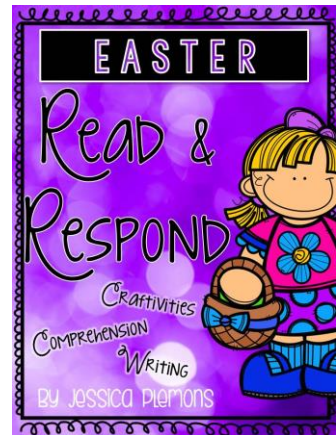
## Read & Respond



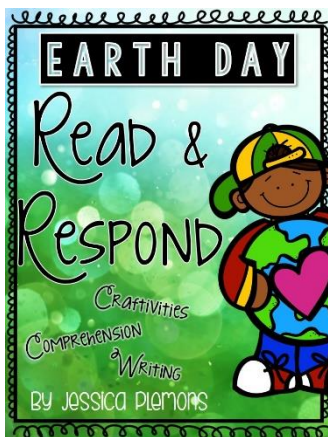
Valentine's



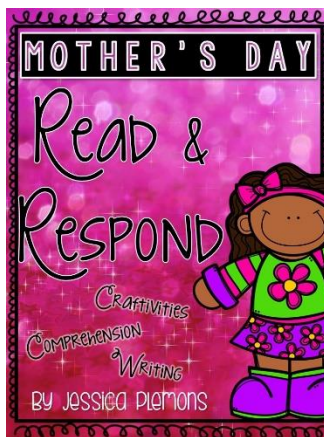
St. Patrick's



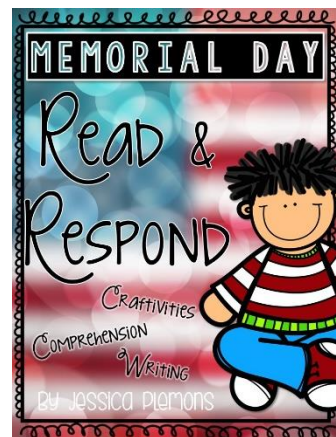
Easter



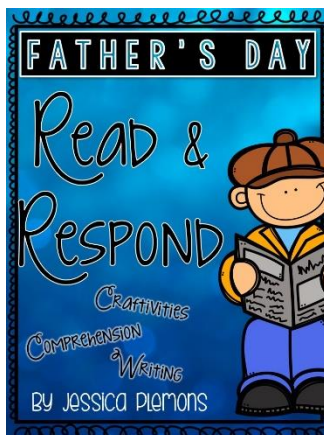
Earth Day



Mother's Day



Memorial Day



Father's Day

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