

SCIENCE: rocks & minerals

1ST & 2ND GRADE

Name: _____ Date: _____

Rock Hunt

Objective: to understand that rocks can be sorted by size, color, shape, texture
Materials: bag, shovel, outdoor space
Procedure:

1. Go outside on a rock hunt. Look above the ground and dig for different rocks.
2. Sort the rocks into different categories (size, color, shape, texture).
3. Write down your observations.

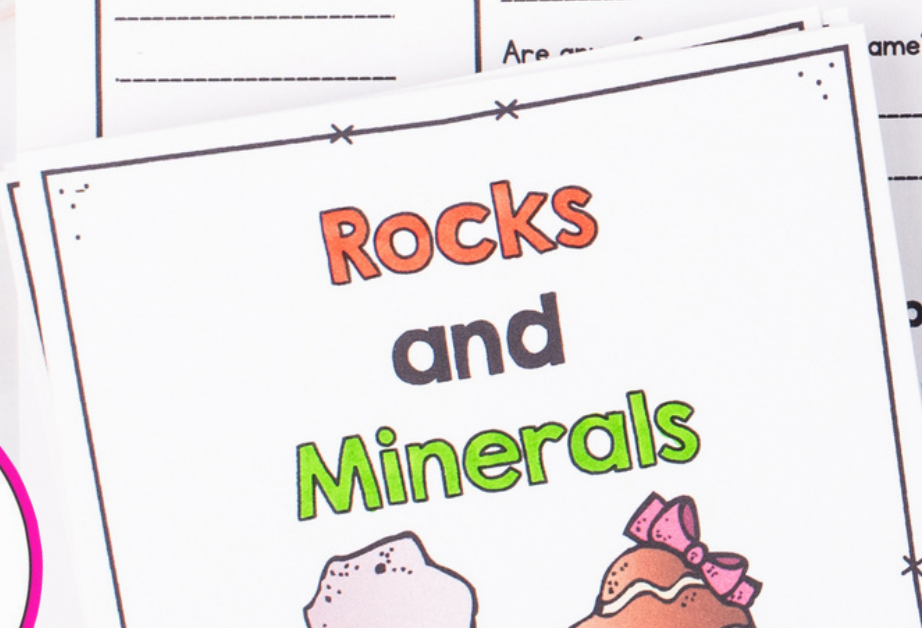
Observe:

Rocks Sorted by Size

How many different categories do you have?

Are any of your rocks the same? How do you know?

Reflections: What did you learn from this experiment in a different way?



PRINTABLE & GOOGLE SLIDES

WHAT'S INSIDE?

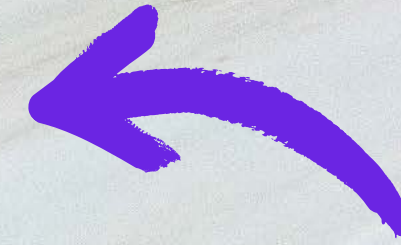
PRINTABLE PDFs and
DIGITAL Google Slides unit to
teach all about rocks & minerals.

- 2 Custom Video Lessons
- 2 Reading Passages & Questions
- Mini Book & Vocabulary
- Worksheet
- Experiments & Explorations
- Quiz

Printable and Google
Slides Included



VIDEO & BRAINSTORMING

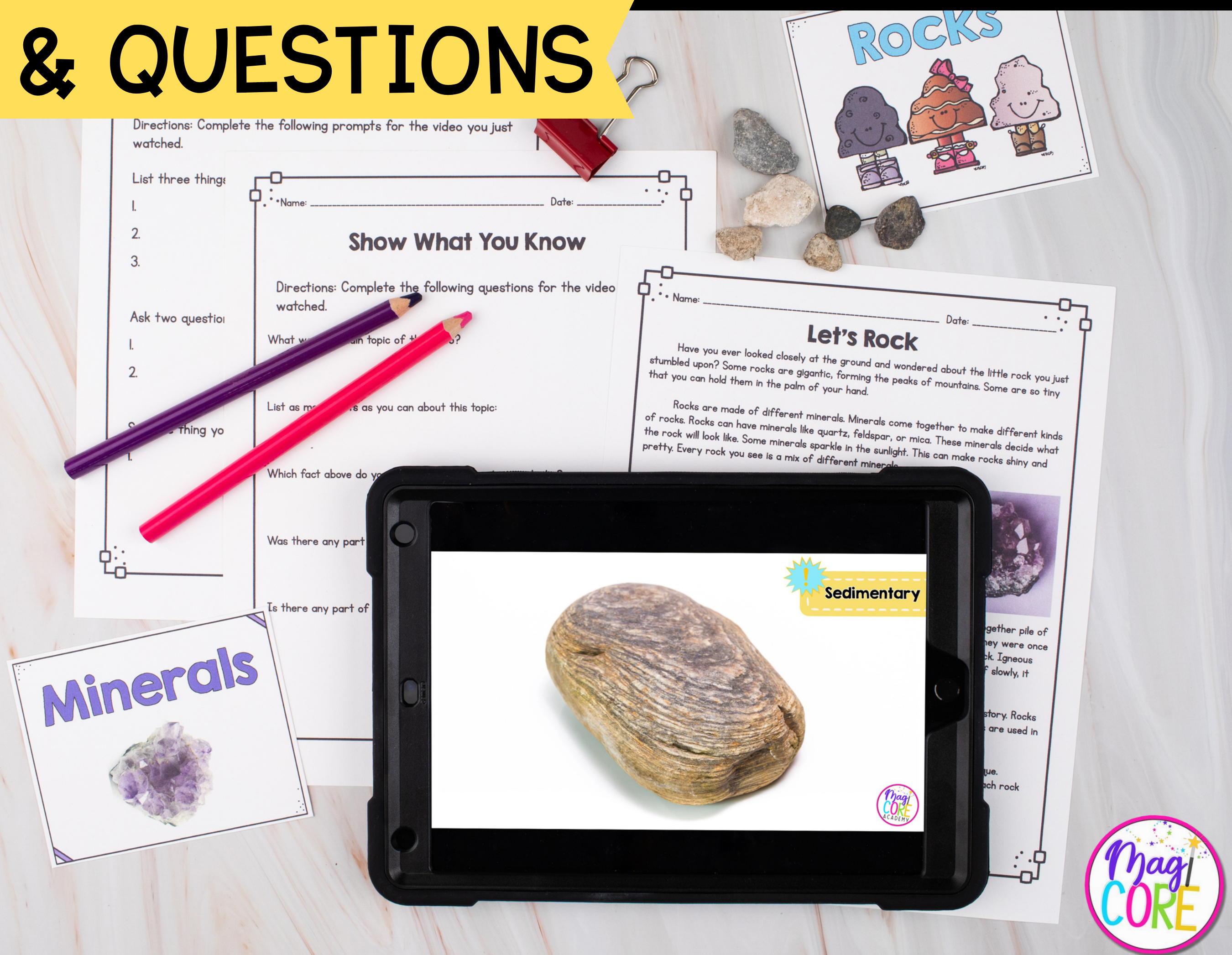


- 2 Custom videos to teach content in an engaging format.
- Prior knowledge and video graphic organizers.



PASSAGES & QUESTIONS

- 2 Passages & Question Sets.
- Same content as custom video.
- Reinforces concepts and vocabulary.



MINI BOOK

- Vocabulary Cards
- Fill-in-the-blank mini book to hold students accountable to content and concepts



PRACTICE PAGES

- Video & Question Pages
- Mini Book
- Rock Detective Activity
- Flip Book
- Life of a Rock Comic Strip
- Rock Hunt
- Compare & Contrast Cute and Paste
- Rock Flow Chart
- Exploring Geodes

Name: _____ Date: _____

Brainstorm Blocks

Directions: For the topic below, brainstorm as many associated words, phrases, and facts as you can.

Igneous Rocks

Name: _____ Date: _____

Rock Detective

Directions: Read the clues describing the different types of rocks and minerals. Write down the name of the rock or mineral being described. Use your answers in the decoder to uncover a secret message.

Clue	Answer	Letter
Clue 1: I am a type of material found in the ground. People use it for building.		
Clue 2: Found in the oceans. People use it for skipping.		
Clue 3: Pressed over time.		
Clue 4: Made of small crystals.		
Clue 5: Formed by heat and pressure.		
Clue 6: Made with a specific pattern.		

Decoder

V = Igneous S = Earth W = Salt
J = Sand T = Minerals Y = Lava
P = Gold U = Shells Z = Clay

4 5 6

a _____

Name: _____ Date: _____

Compare & Contrast

Directions: Cut and past the boxes into the Venn Diagram below to compare the features of rocks and minerals.

Rocks

Minerals

A hard, solid part of Earth

Makes

Gold, silver, & iron

Name: _____ Date: _____

Rock & Flow Chart

Directions: Use the words in the word bank to complete the flow chart below.

Makes

Which Can Be

Metamorphic Sedimentary Igneous

Minerals Rocks

Word Bank:

Rocks and Minerals

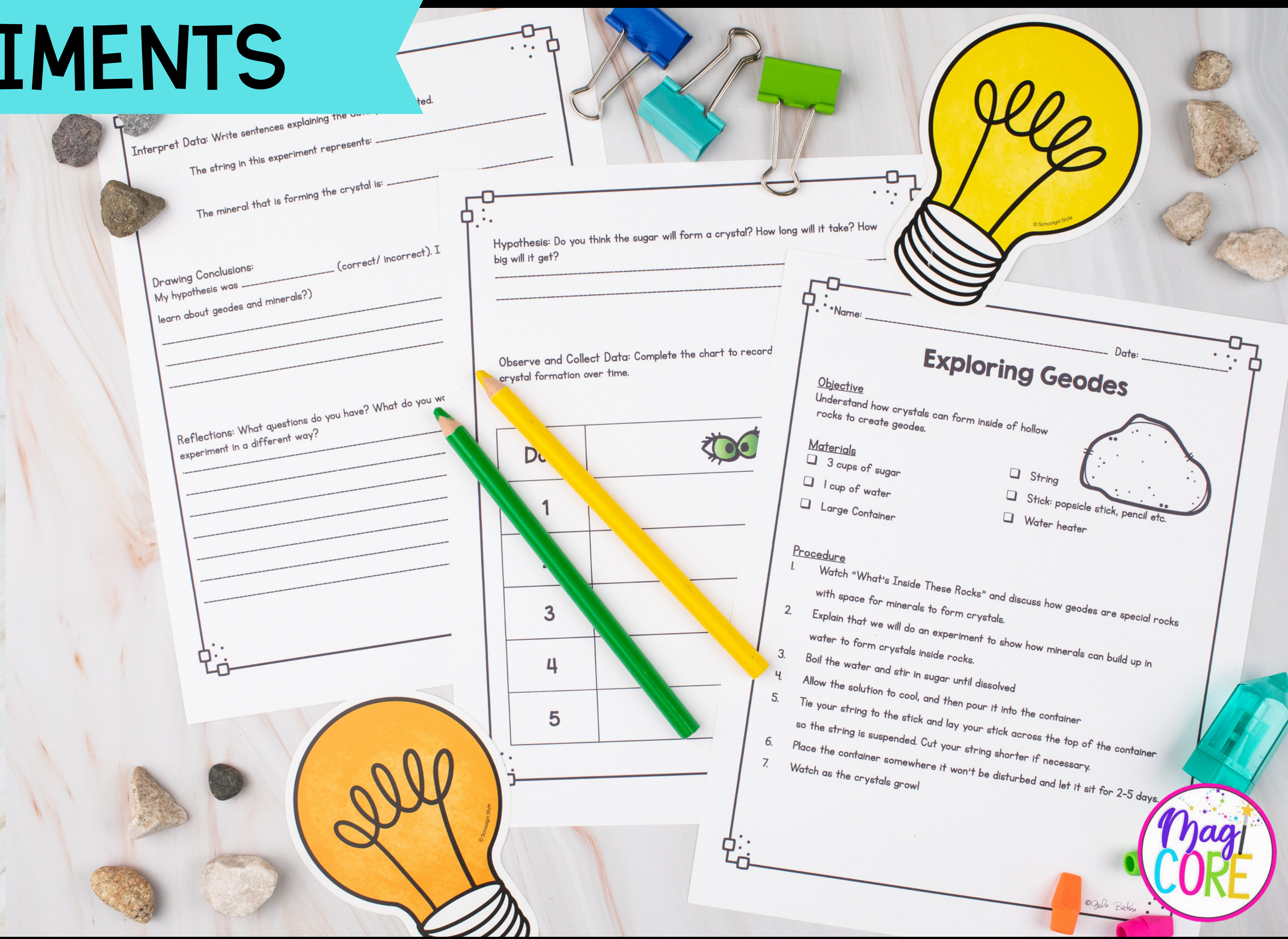
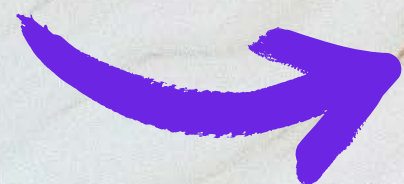
By: _____

Date: _____

MagiCORE

EXPERIMENTS

- 3 Experiments that follow the Scientific Method
- Allow students to collaborate and explore!

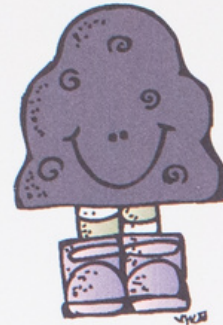


QUIZ

Simple, quick
quiz to ensure
students
understand
basic concepts.



Igneous Rocks



Metamorphic Rocks



Sedimentary Rocks



Rocks and Minerals Quiz

Name: _____

Date: _____

Match the definition with the word:

- | | |
|---------------------|--|
| 1. rocks | a type of rock formed from volcanoes |
| 2. minerals | a type of rock formed deep under the earth's surface |
| 3. sedimentary rock | nonliving material that rocks are made up of |
| 4. metamorphic rock | hard, solid part of the earth |
| 5. igneous rock | a type of rock formed from pieces of rock, minerals, dead plants, and animals. |

6. Add to the diagram to show how igneous rock is formed:



7. What is the earth made up of? _____
this on earth. _____

- Write three places you can find
1. _____
 2. _____
 3. _____



UPGRADE THEIR SKILLS!

SCIENCE Bundle

1st & 2nd Grade Print & Digital

Science: A Scientist's Job

Science: Science Tools

Science: Matter

Science: The Human Body

Science: Force and Motion

Science: Gravity

Science: Magnets

Science: Seasons

Science: Rocks & Minerals

Science: All About Soil

Science: Air and Wind

Science: Severe Weather

Science: The Sun's Energy

Science: Butterfly Lifecycle

Science: Plant Life Cycle

Science: Living Organisms

MagiCORE

Love this unit, but
need something
more?
TRY THE BUNDLE!

