

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.

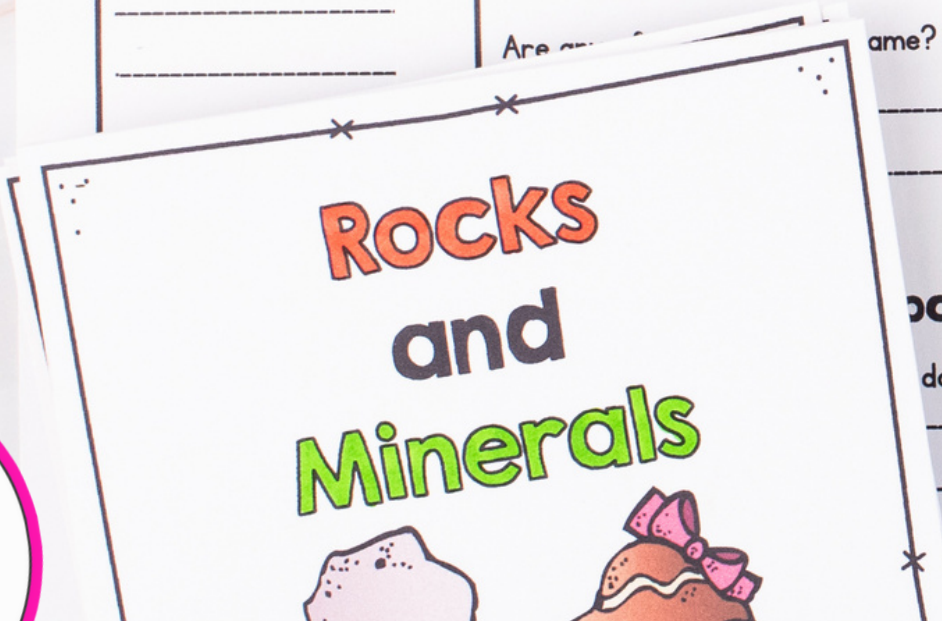
Observe:

Rocks Sorted by Size

How many different categories do you have?

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

Reflections: What questions did you have before the experiment? What did you learn?



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

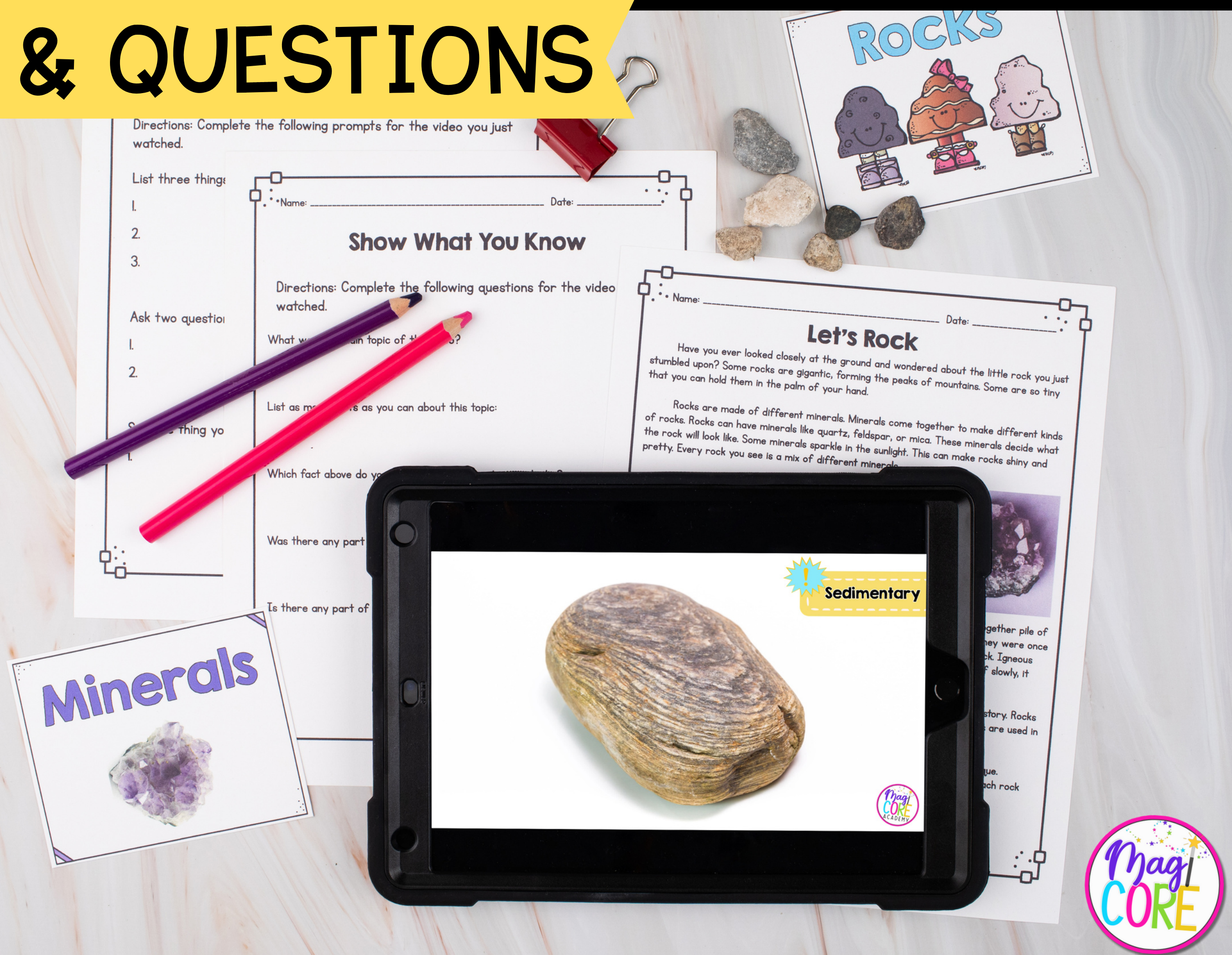


- 2 Custom videos to teach content in an engaging format.
- Prior knowledge and video graphic organizers.



PASSAGES & QUESTIONS

- 1 Passage & Question Set.
- 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
- Magnetic Forces at Work Attract or Repel
- True or False: Magnets cut and paste
- Flip Book
- A Day in the Life of a Magnet
- Are you a Magnet? Chart
- Scavenger Hunt

Brainstorm Blocks

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

Igneous Rocks

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.		

Rock & Flow Chart

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

Make

Which Can Be

Word Bank:

Metamorphic Rocks, Sedimentary, Minerals, Igneous

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

Rocks and Minerals

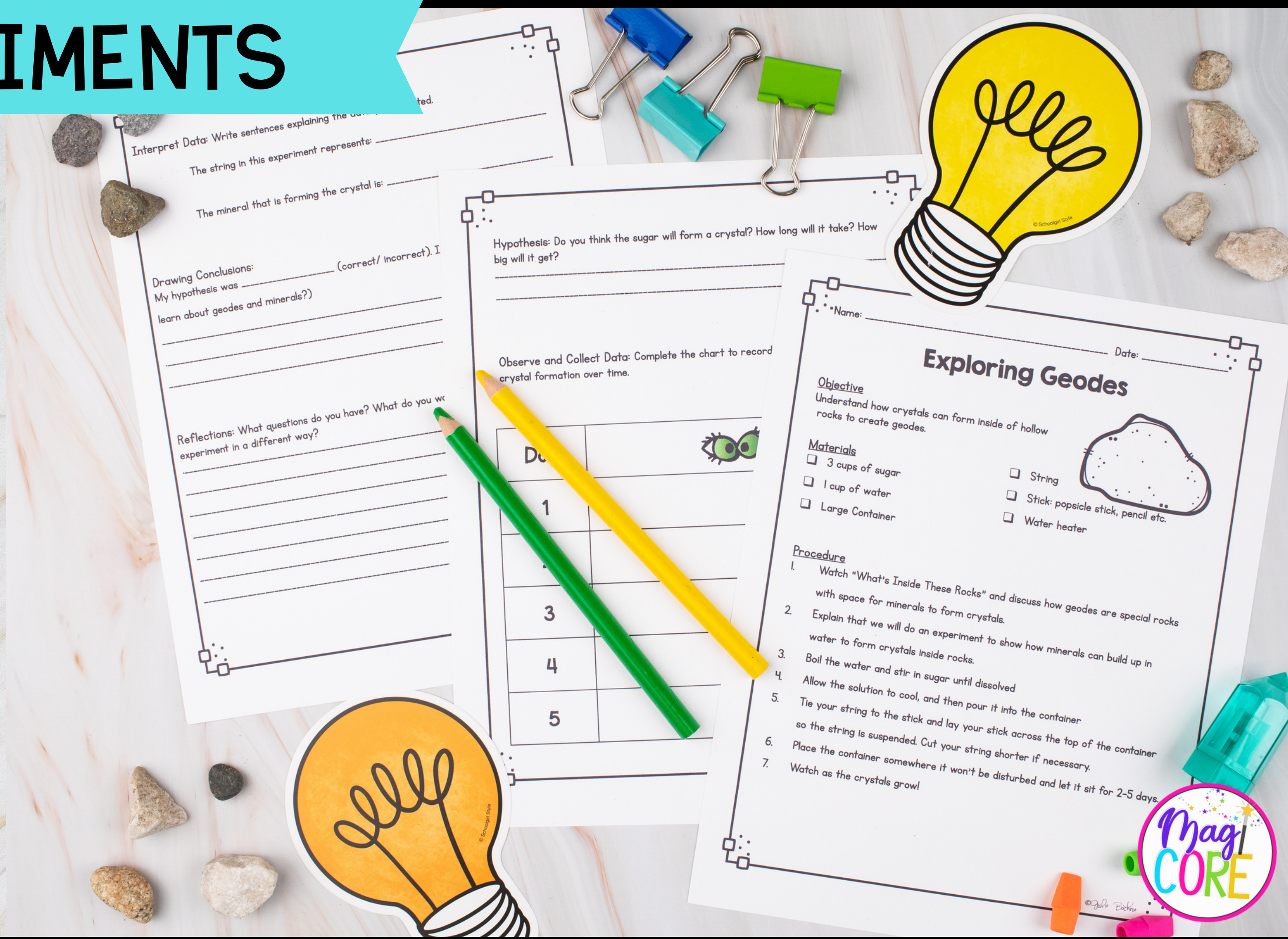
By: _____

Date: _____

MagiCORE

EXPERIMENTS

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

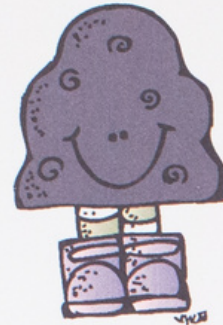


QUIZ

Simple, quick
quiz to ensure
students
understand
basic concepts.



Igneous Rocks



Metamorphic Rocks



Sedimentary Rocks



Rocks and Minerals Quiz

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!

