

SCIENCE: Matter

1ST & 2ND GRADE

Observations of the properties of matter for a solid, liquid, and gas.

Observe:

	Sight	Smell
Solid:	Color: Shape: Size:	
Liquid:	Color: Shape: Size:	

I noticed my liquid _____

I noticed my gas _____

Drawing Conclusions:

I discovered _____

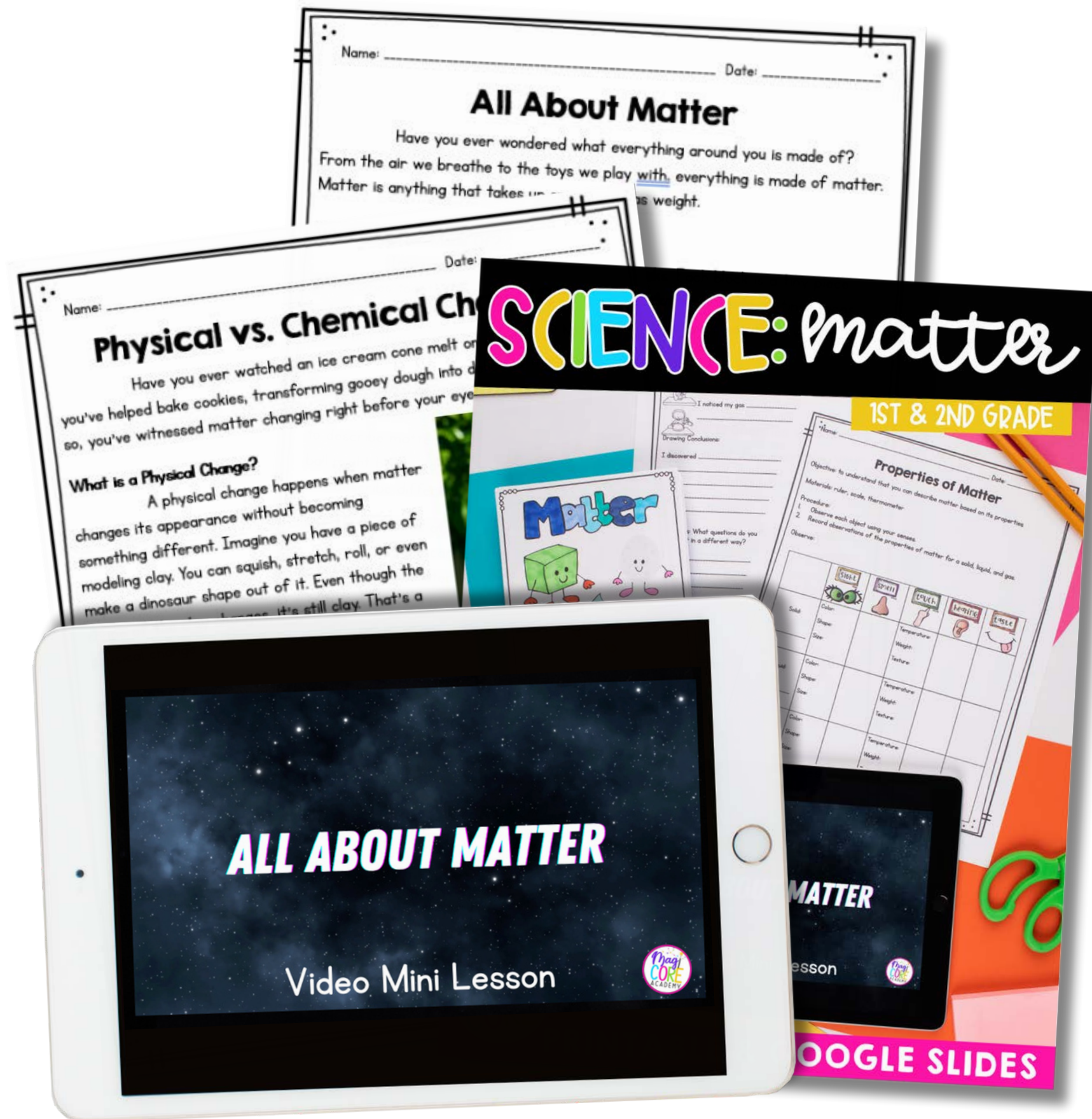
Reflections: What questions do you have about this experiment in a different way?



PRINTABLE & GOOGLE SLIDES

WHAT'S INSIDE?

PRINTABLE PDFs and
DIGITAL Google Slides unit to
teach all about matter.



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

Printable and Google
Slides Included



VIDEO & BRAINSTORMING

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



Name: _____ Date: _____

Show What You Know

Directions: Complete the following prompts for the video you just watched.

Name: _____ Date: _____

Show What You Know

Directions: Complete the following diagram for the video you just watched.

Main Idea

Topic 1

Topic 2

What I learned about this topic is...

What I also know about this topic is...

What I learned about this topic is...

What I also know about this topic is...



PASSAGES & QUESTIONS

Name: _____ Date: _____

All About Matter Quiz

1. What does matter describe?
a. Anything that is invisible
b. Liquids and gases around us
c. Anything that takes up space and has weight
d. Things we can see and feel around us

2. What is matter made of?
a. Air and water
b. Tiny pieces called particles
c. Solid objects that have properties
d. Solids, liquids, and gasses

3. What is a property of matter?


4. What state of matter keeps its shape?
a. Liquid
b. Gas
c. Solid
d. Air

5. How does a liquid behave?

6. What happens when you heat a solid?

solid

Matter



Name: _____ Date: _____

All About Matter

Have you ever wondered what everything around you is made of? From the air we breathe to the toys we play with, everything is made of matter. Matter is anything that takes up space and has weight.

What is Matter Made Of?

Imagine building a castle with toy blocks. Each block is made of tiny pieces called particles. Matter is made of these tiny particles. These particles are so small that we can't see them with our eyes, but they are everywhere.

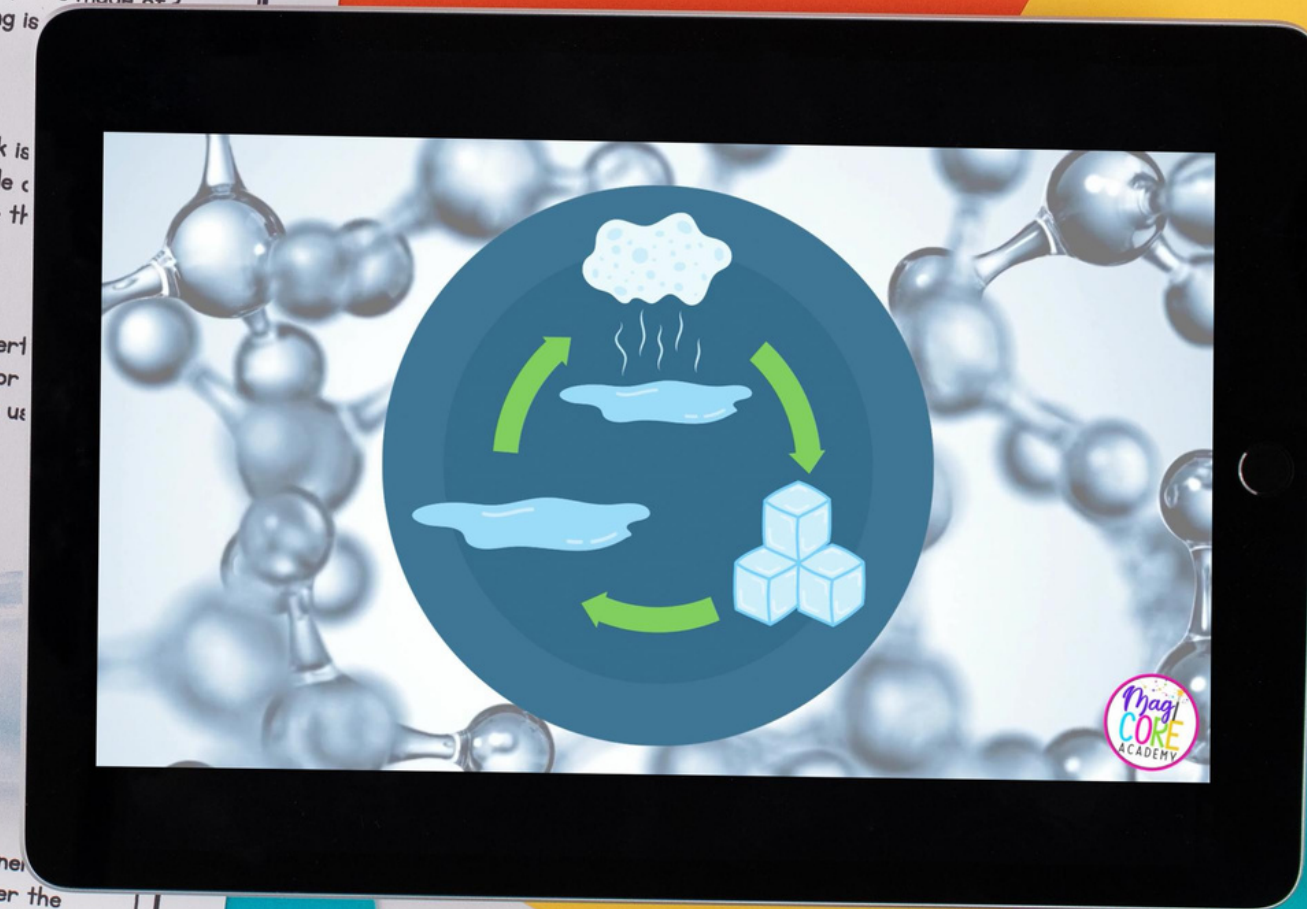
Describing Matter with Properties

We can describe matter with properties. Some properties help us to describe matter are color, size, shape, texture, and weight. For example, a ball might be round, red, smooth, and light. These properties help us to describe different kinds of matter around us.

The Three States of Matter

Matter can be in three different states: solid, liquid, and gas. Solids are hard and keep their shape. They don't change shape unless you do something to them, like bending them or breaking. Liquids can flow and take the shape of their container. Gases are all around us, even if we can't see them. Air is a gas. Gases can spread out to fill up any space, like the air in a balloon.

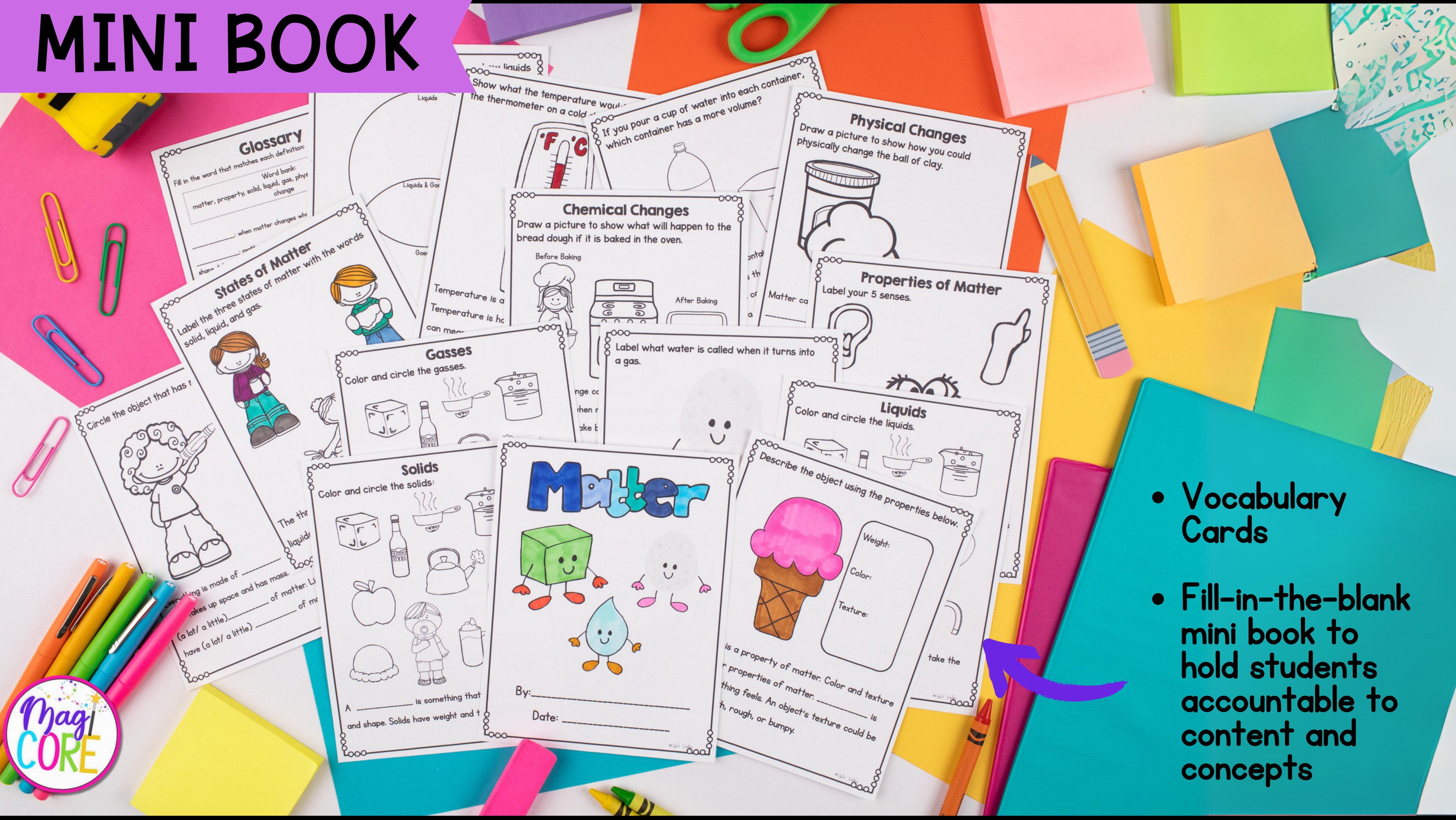
Ice is a solid.



- 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

- 2 Videos & Question Pages
- Mini Book
- Physical & Chemical Change Detective
- Matter Transformation Log
- Flip Book
- The Great Matter Debate Activity
- Properties of Matter Lab
- Changing States of Matter: Solid to Liquid
- Changing States of Matter: Liquid to Gas
- Volume of Liquid
- Physical Changes

Name: _____ Date: _____

Brainstorm B

Directions: For the topic below, brainstorm as many facts as you can.

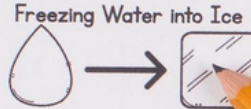
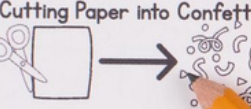
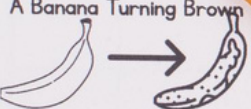
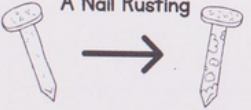
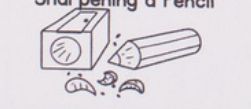
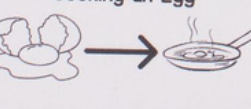
Matter

Liquid

Name: _____ Date: _____

Physical vs. Chemical Change Detective

Directions: Look at the scenario depicting changes of matter. Decide if the scenario is a physical or chemical change and explain your reasoning.

Scenario	Physical or Chemical Change?	Reasoning
Freezing Water into Ice 		
Cutting Paper into Confetti 		
A Banana Turning Brown 		
A Nail Rusting 		
Sharpening a Pencil 		
Cooking an Egg 		

Name: _____ Date: _____

Matter Transformation Log

Directions: For each day, record a change in matter you have observed. Describe the change and categorize the change as physical or chemical.

Date	Change in Matter	Physical or Chemical?
---/---/---		
---/---/---		
---/---/---		
---/---/---		
---/---/---		
---/---/---		

Change in Matter Notes: _____



EXPERIMENTS

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



Name: _____ Date: _____

Properties of Matter

Objective: to understand that you can describe matter based on its properties

Materials: ruler, scale, thermometer

Procedure:

1. Observe each object using your senses.
2. Record observations of the properties of matter for a solid, liquid, and gas.

Observe:

	Sight	Smell	Touch	Hearing	Taste
Solid					
	Color:		Temperature:		
	Shape:		Weight:		
	Size:		Texture:		
Liquid			Temperature:		
	Color:		Weight:		
	Shape:		Texture:		
	Size:				
Gas			Temperature:		
	Color:		Weight:		
	Shape:		Texture:		
	Size:				

Interpret Data: Write sentences explaining the data you collected.

I noticed my solid _____

I noticed my liquid _____

I noticed _____

What do you wonder? Would you do this _____

Matter

By: _____

Date: _____



QUIZ

Name: _____ Date: _____

Physical vs. Chemical Change Quiz


- What happens during a physical change?
 - Matter disappears completely.
 - Matter changes its appearance but remains the same substance.
 - Matter turns into a completely different substance with new properties.
 - Matter can never change back to its original form.
- Which of the following is an example of a physical change?
 - Baking cookies from dough
 - A metal bike rusting in the rain
 - Melting ice into water
 - Flour, sugar, and eggs turning into cake
- What is a chemical change?

- What indicates a chemical change has occurred?
 - The substance can easily change back to its original form.
 - There is no visible change to the substance.
 - You see bubbles when you mix vinegar and baking soda.
 - Ice melting into water.
- Why can't you separate a cake back into its original ingredients?
 - Because it's too delicious to separate.
 - Because mixing and baking cause a physical change.
 - Because mixing and baking cause a chemical change.
 - Because the ingredients evaporate.
- Based on the passage, what is a clue that a chemical change might have happened?
 - The shape of an object changes.
 - The color of bread changes when toasted.
 - Ice changes to water.
 - Clay is molded into a new shape.

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Name: _____ Date: _____

Matter Quiz

- Matter is anything that has _____ and takes up _____
- Label the three states of matter:


- If you leave an ice cube out it will change from a _____ to a _____
- If you leave water out in an uncovered cup for days it will change from a _____ to a _____
- Water vapor in the clouds will eventually change from a _____ to a _____
- Give an example of how you could make a physical change to a piece of paper:

- Give an example of how you could make a chemical change to dough:

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Simple, quick quiz to ensure students understand basic concepts.



Gas



Matter

Property

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

Magi CORE

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

