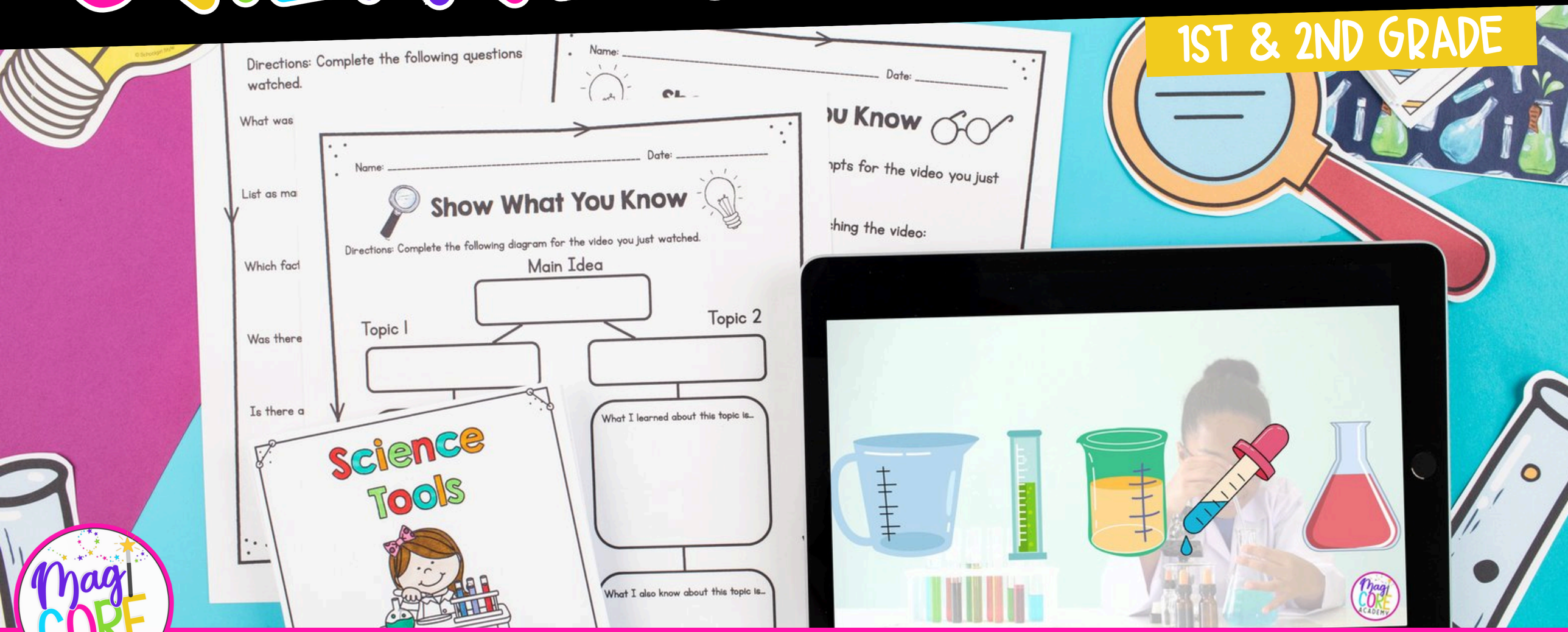
SCIENCE: science tools

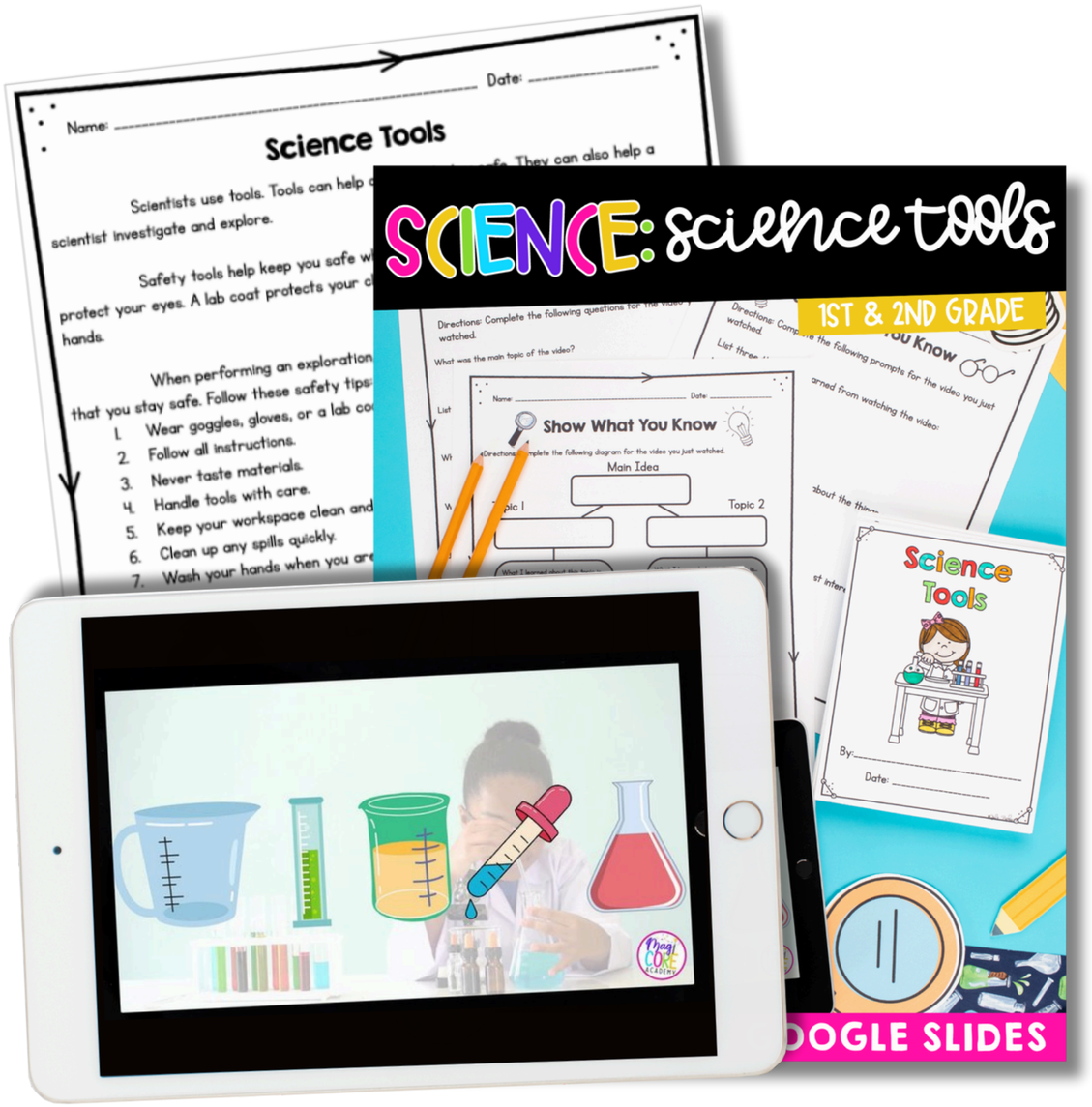
1ST & 2ND GRADE



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PRINTABLE & GOOGLE SLIDES

WHAT'S INSIDE?



PRINTABLE PDFs and **DIGITAL** Google Slides unit to teach all about science tools.

- Custom Video Lesson
- Reading Passage & 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.



PASSAGES & QUESTIONS

- Passage & Question Set.
- Same content as custom video.
- Reinforces concepts and vocabulary.

Name: _____ Date: _____

Science Tools

Scientists use tools. Tools can help a scientist stay safe. They can also help a scientist investigate and explore.

Safety tools help keep you safe when you are performing an exploration. protect your eyes. A lab coat protects your clothes from getting dirty. Gloves protec hands.

When performing an exploration, it is important that you stay safe. Follow these safety tips:

1. Wear goggles, gloves, or a lab coat when needed.
2. Follow all instructions.
3. Never taste materials.
4. Handle tools with care.
5. Keep your workspace clean and organized.
6. Clean up any spills quickly.
7. Wash your hands when you are done.





Length Measurement Tools

Some science tools measure length. A measures short objects. A yardstick or meterstick measures longer objects. A tape measure measures objects that are very long or round.



Liquid Measurement Tools

Some tools tell you how much liquid you have. This is called measuring the volume. Some tools that measure volume include a measuring cup, graduated cylinder, beaker, dropper, and flask.

Name: _____ Date: _____

Science Tools Questions

1. What are some safety tools for scientists?
   a. To help them look professional
   b. To protect them during experiments
   c. To make their work easier.
   d. To ensure they are following all of the rules of science

2. Which tool would you use to measure the volume of a liquid
   a. Thermometer
   b. Magnifying glass
   c. Tape measure
   d. Graduated cylinder

3. What does a thermometer measure?

4. How can you tell if an object is made of metal
   a. Use a magnifying glass
   b. Use a magnet
   c. Use a scale
   d. Use a measuring cup

5. Why is it important to measure accurate



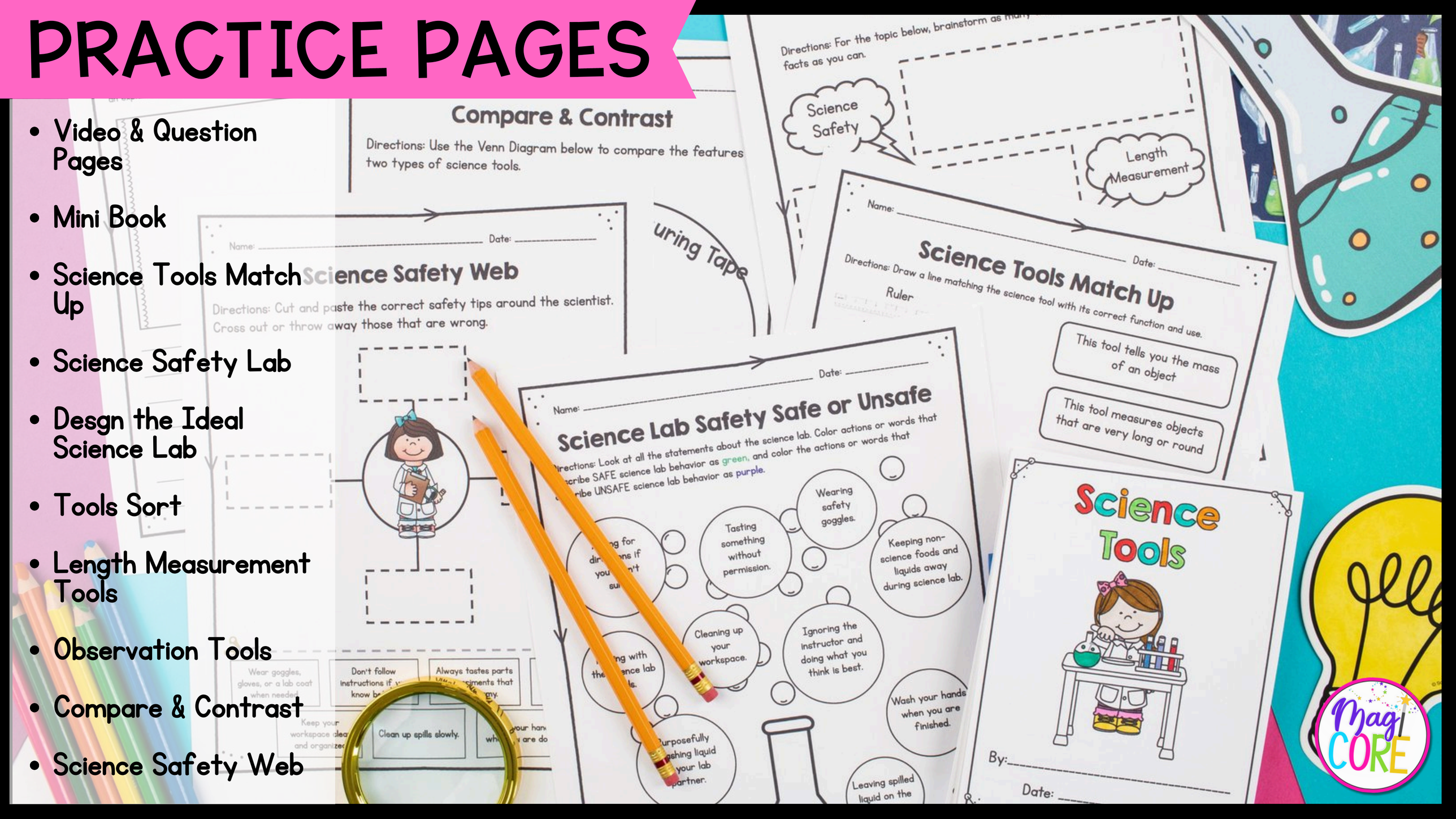
MINI BOOK

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



PRACTICE PAGES

- Video & Question Pages
- Mini Book
- Science Tools Match Up
- Science Safety Lab
- Desgn the Ideal Science Lab
- Tools Sort
- Length Measurement Tools
- Observation Tools
- Compare & Contrast
- Science Safety Web



EXPERIMENTS

Interpret Data: Write sentences explaining the data you collected.

I measure with a ruler when _____

I measure with a yardstick or meter stick when _____

I measure with a measuring tape when _____

Drawing Conclusions:
I discovered _____

Reflections: What questions do you have? What do you wonder would want to do differently?

Name: _____ Date: _____

Length Measurement Tools

Objective: to understand how and when to use length measurement tools

Materials: ruler, yardstick, meter stick, measuring tape

Procedure:
1. Observe each length measurement tool. Record what you notice about the units of each tool and how large each tool is.
2. Measure each object with the appropriate tool.
3. Check your work with another group. If you both have different answers, recheck your measurements together.

Observe:

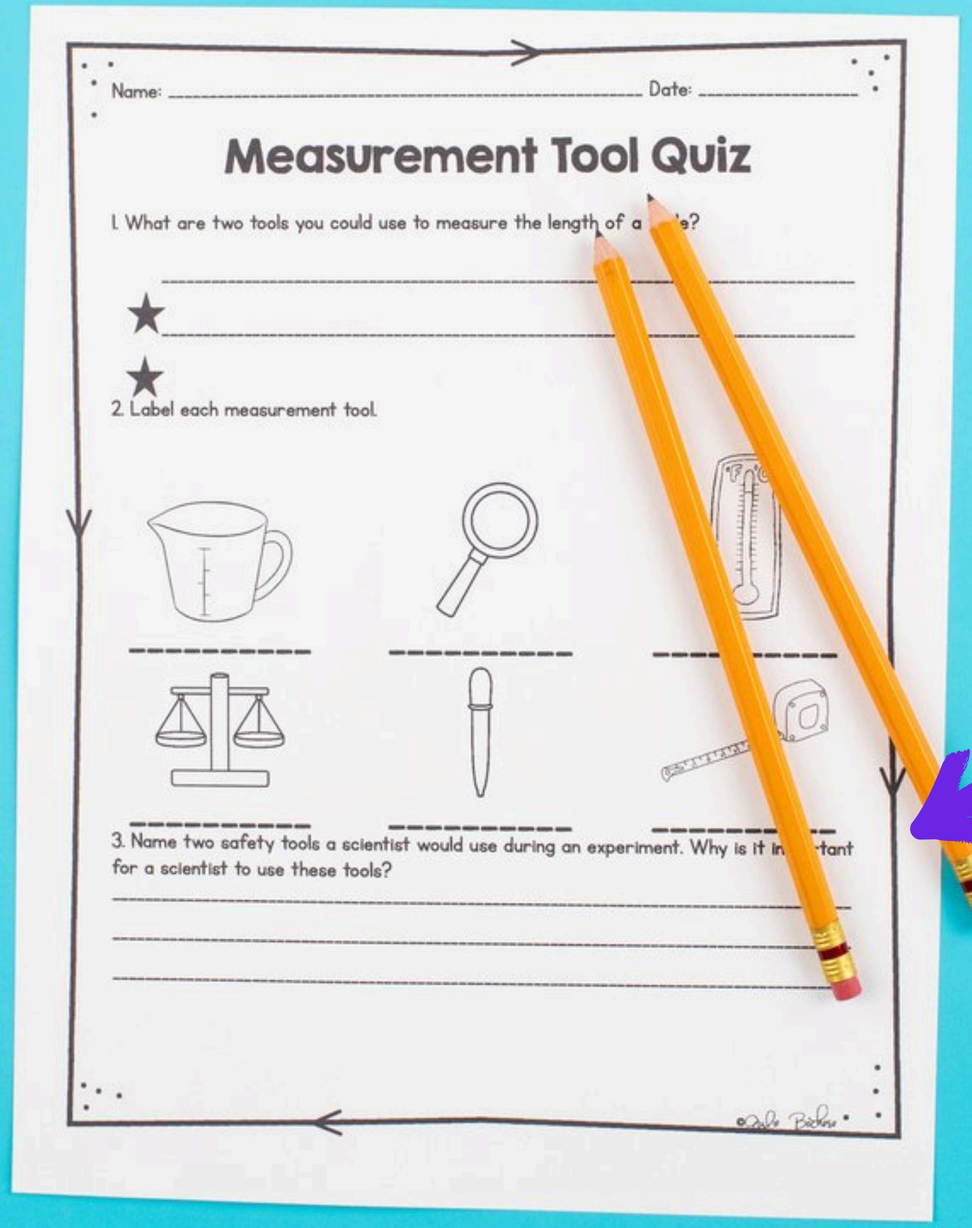
	Ruler	Meter Stick	Yardstick	Measuring Tape
Ur				
Size ge, mediu small to				
C obse ons				
T of things ou would measure with tool				

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

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QUIZ




Name: _____ Date: _____

Measurement Tool Quiz

1. What are two tools you could use to measure the length of a [illegible]?

★ _____

★ _____

2. Label each measurement tool.

_____ _____ _____

_____ _____ _____

3. Name two safety tools a scientist would use during an experiment. Why is it im[illegible]tant for a scientist to use these tools?

_____

_____

_____





Simple, quick quiz to ensure students understand basic concepts.





UPGRADE THEIR SKILLS!



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

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