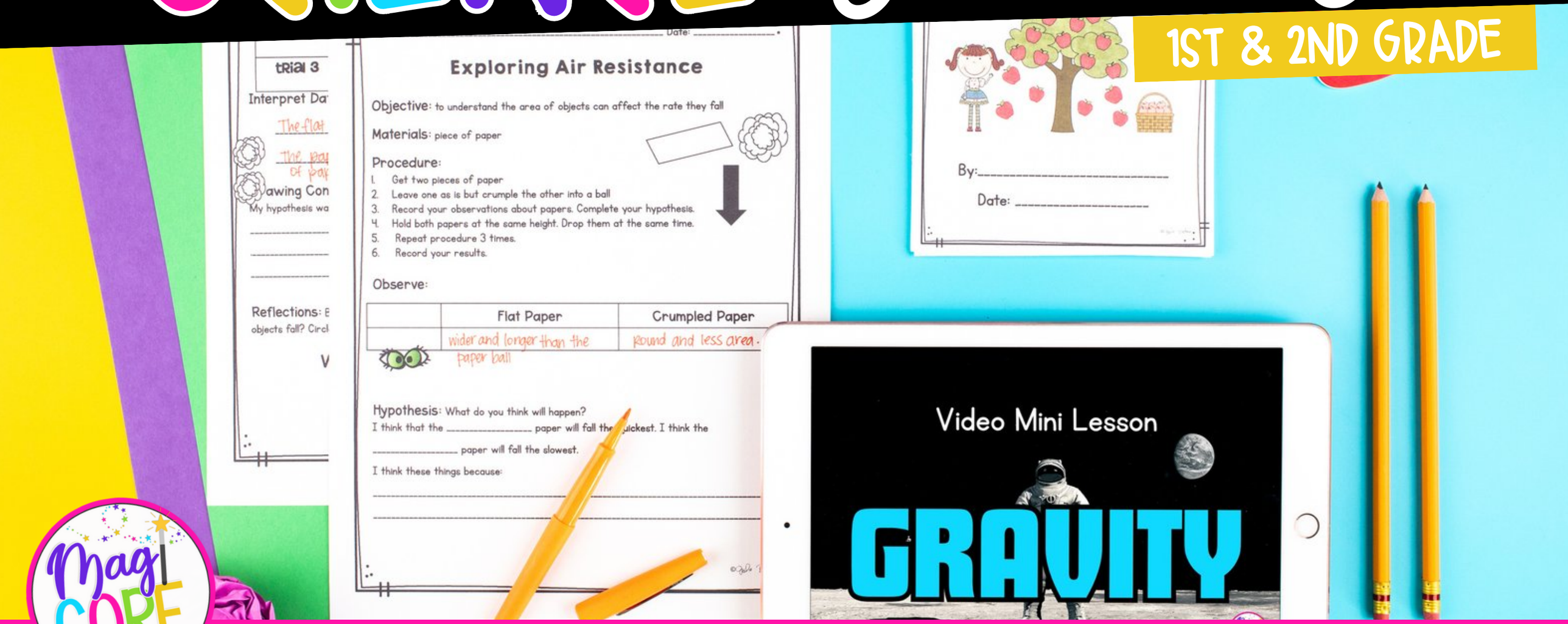
SCIENCE: gravity

1ST & 2ND GRADE



PRINTABLE & GOOGLE SLIDES

WHAT'S INSIDE?



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

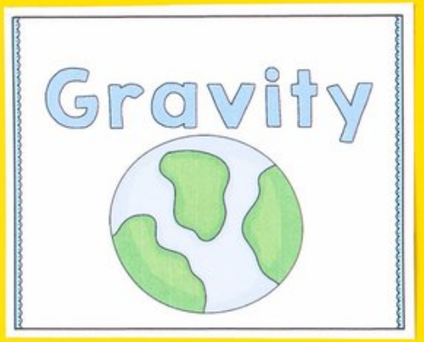
- Custom Video Lesson
- Reading Passage & Questions
- Mini Book & Vocabulary
- Worksheet
- Experiments & Explorations
- Quiz

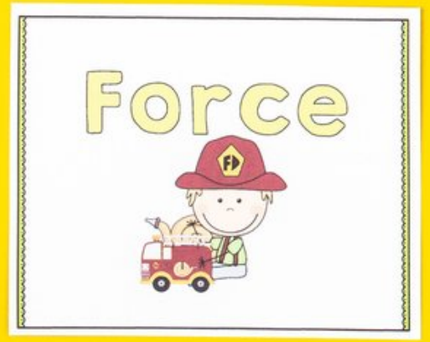
Printable and Google Slides Included

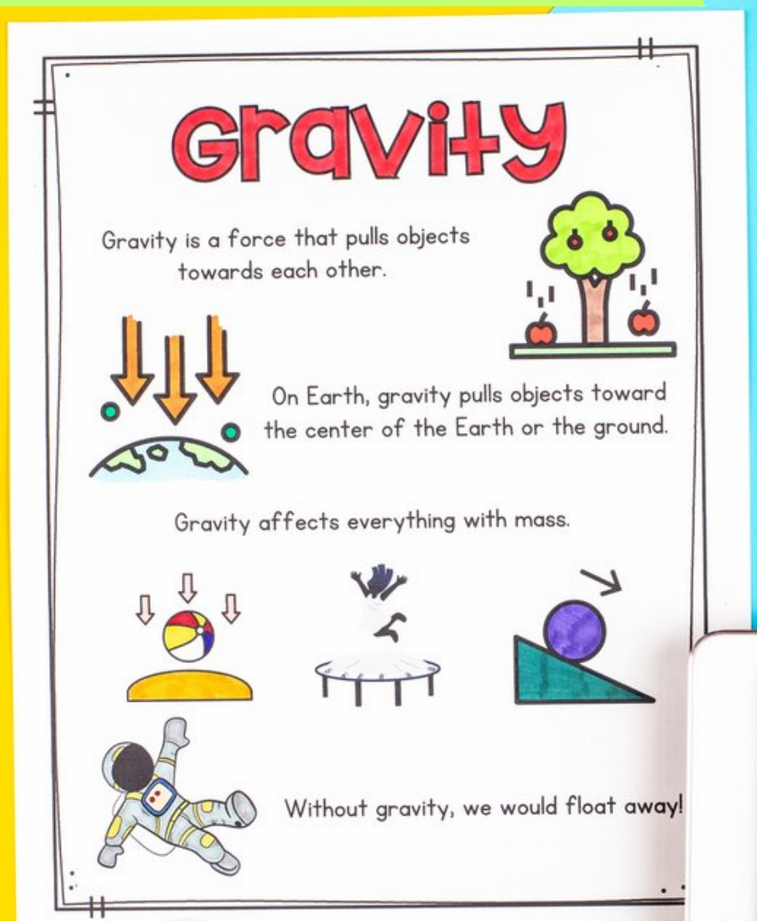
VIDEO & BRAINSTORMING

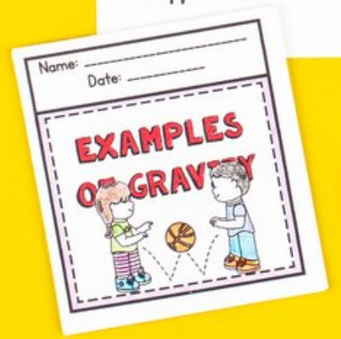
- Original video to introduce the topic.
- Prior knowledge and video graphic organizers.

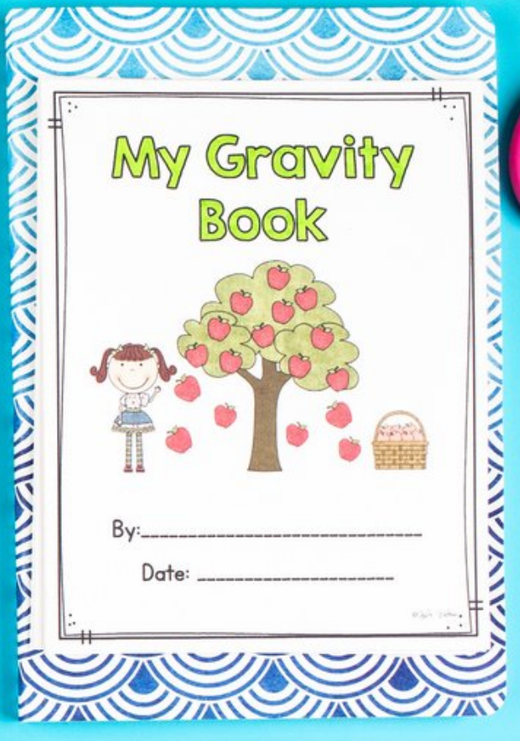














WORKSHEETS

Name: _____ Date: _____

Exploring Air Resistance

Objective: to understand the area of objects can affect the rate they fall

Materials: piece of paper



Procedure:

1. Get two pieces of paper
2. Leave one as is but crumple the other into a ball
3. Record your observations about papers. Complete your hypothesis.
4. Hold both papers at the same height. Drop them at the same time.
5. Repeat procedure 3 times.
6. Record your results.

Observe:

	Flat Paper	Crumpled Paper
	wider and longer than the paper ball	round and less area

Hypothesis: What do you think will happen?

I think that the _____ paper will fall the quickest. I think the _____ paper will fall the slowest.

I think these things because:

_____

_____

©

Name: _____ Date: _____

Collect Data: Complete the chart. Put a 1st for the paper that fell first, 2nd for the paper that fell second, or same if the bags fell at the same time.

	Flat Paper	Crumpled Paper Ball
Trial 1	2nd	1st
Trial 2	2nd	1st
Trial 3	2nd	1st

Interpret Data: Write sentences explaining the data you collected.

The flat paper fell slower than the paper ball.

The paper ball fell faster even though it was the same amount of paper.

Drawing Conclusions:

My hypothesis was _____ (correct/ incorrect). I discovered

_____

_____

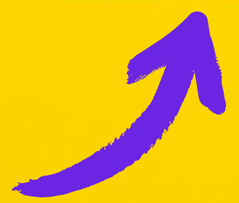
_____

Reflections: Based on this experiment, which of the following properties affects how objects fall? Circle the correct answer.

Weight Shape

©

- Active engagment.





PASSAGES & QUESTIONS

- 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.



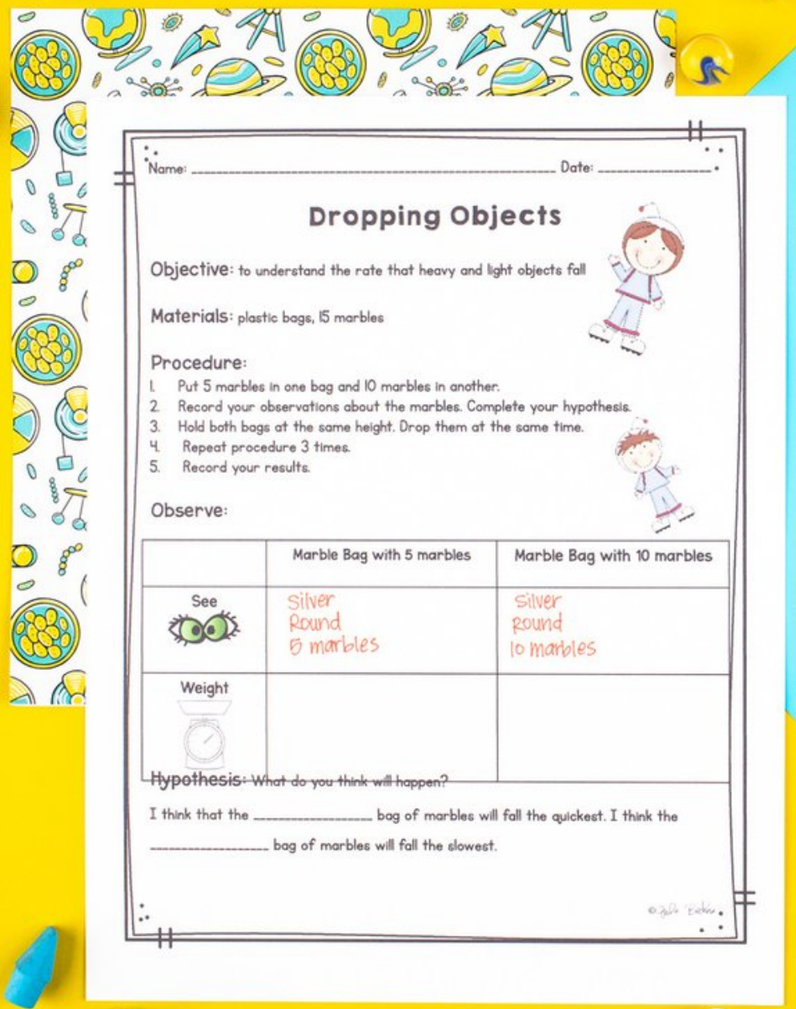
PRACTICE PAGES

- Video & Question Pages
- Mini Book
- Flip Book
- Anchor Chart
- Gravity Comic Strip



EXPERIMENTS

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



Name: _____ Date: _____

Dropping Objects

Objective: to understand the rate that heavy and light objects fall

Materials: plastic bags, 15 marbles

Procedure:

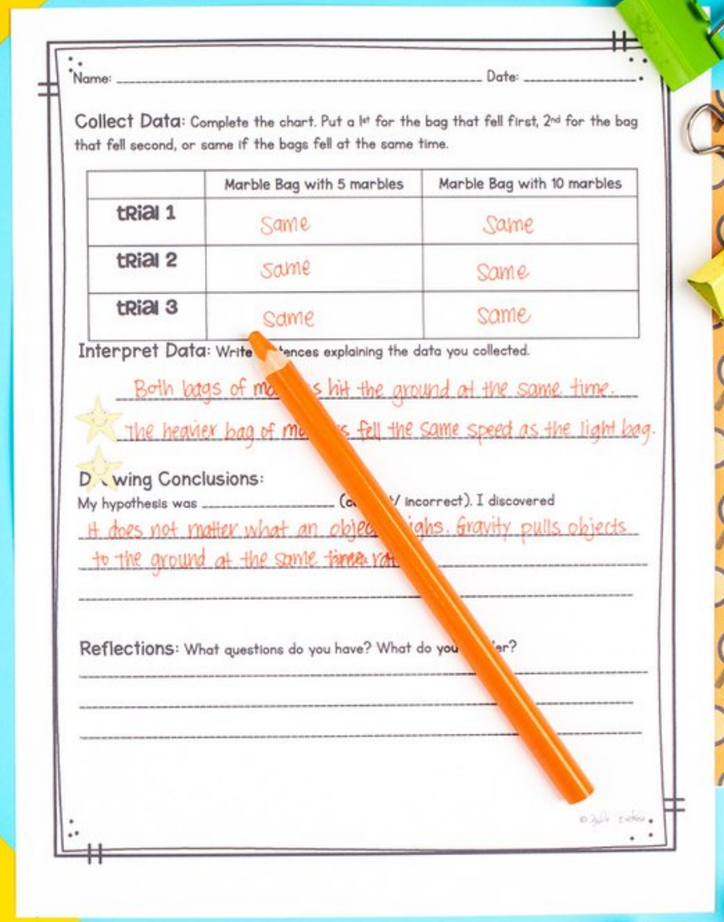
1. Put 5 marbles in one bag and 10 marbles in another.
2. Record your observations about the marbles. Complete your hypothesis.
3. Hold both bags at the same height. Drop them at the same time.
4. Repeat procedure 3 times.
5. Record your results.

Observe:

	Marble Bag with 5 marbles	Marble Bag with 10 marbles
See	Silver Round 5 marbles	Silver Round 10 marbles
Weight		

Hypothesis: What do you think will happen?

I think that the _____ bag of marbles will fall the quickest. I think the _____ bag of marbles will fall the slowest.



Name: _____ Date: _____

Collect Data: Complete the chart. Put a 1st for the bag that fell first, 2nd for the bag that fell second, or same if the bags fell at the same time.

	Marble Bag with 5 marbles	Marble Bag with 10 marbles
Trial 1	Same	Same
Trial 2	Same	Same
Trial 3	Same	Same

Interpret Data: Write sentences explaining the data you collected.

Both bags of marbles hit the ground at the same time.
The heavier bag of marbles fell the same speed as the light bag.

Drawing Conclusions:

My hypothesis was _____ (correct/incorrect). I discovered

It does not matter what an object weighs. Gravity pulls objects to the ground at the same time.

Reflections: What questions do you have? What do you wonder?

QUIZ



Simple, quick quiz to ensure students understand basic concepts.

UPGRADE THEIR SKILLS!



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

MagiCORE