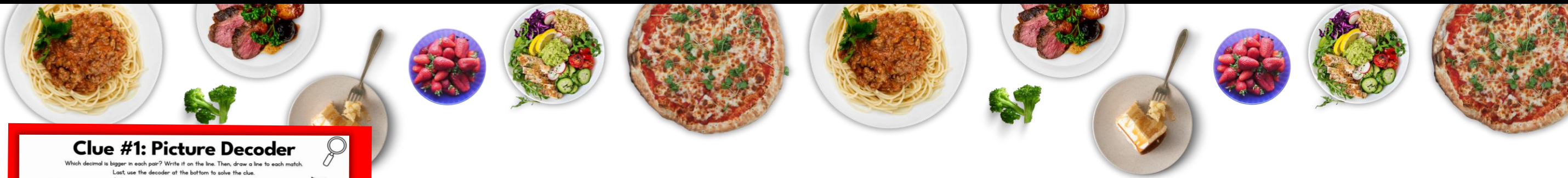


WHAT IS THIS?



Clue #1: Picture Decoder
Which decimal is bigger in each pair? Write it on the line. Then, draw a line to each match.
Last, use the decoder at the bottom to solve the clue.

Clue #2: Error Analysis
Check each person's work. Put a check or an X next to each answer.

Clue #3: Detective Report
Circle the decimal that is smaller in each pair.
The Red Restaurant had been open for 0.50 or 0.055 years and was the most popular place to eat in town.
They had over 0.003 or 0.030 items on their menu, including 0.028 or 0.82 appetizers and
0.07 or 0.007 pepperonis. E
0.434 or 0.443
49.
The pe

Clue #4: The Menu
Put the correct symbol in each box. Then, read the box at the bottom.

MENU				DINNER			
8.28	8.82	7.28	7.28	3.54	3.34	2.15	2.51
5.49	5.49	7.72	7.72				

Clue #5: Descrambler
Put the decimals in order from biggest to smallest on the lines below.
The person who is missing their food did not order any:
Write the decimals in order from biggest to smallest on the lines.
Write the letter that goes with each decimal in the boxes.

27.009 24.275 27.09 27.91 24.208 24.765 24.765 24.208

L E T T U C E

solve the mystery

The Case of the Missing Dinner

Whose Food Is Missing?
Solve the clues to figure out whose food has not come out from the kitchen yet.

Aunt's Order	Uncle's Order	Mom's Order	Dad's Order
Brother's Order	Sister's Order	Grandma's Order	Grandpa's Order

Name: _____

Students complete a series of clues to figure out whose dinner is missing!

HOW TO PLAY



What Happened?

Uh oh! Everyone ordered something for dinner at the restaurant...but one person's food is missing! Help describe to the waiter what the person was missing so they know what food to bring out.

1. Take a food list and then start solving each clue.
2. Each time you solve a clue, you will get closer to discovering whose food is missing.
3. Cross out wrong foods each time you find out new information. Good luck!



Clue #1: Picture Decoder

Which decimal is bigger in each pair? Write it on the line. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

Illustrations of food items: an orange, a slice of orange, an apple, a slice of watermelon, a whole watermelon, a slice of pizza, a whole pizza, a slice of watermelon, a whole watermelon, and a cherry.

Decimals: 0.19, 0.765, 0.196, 0.49, 0.33, 0.184, 0.11, 0.620, 0.65

Answers: 0.765, 0.33, 0.19, 0.49, 0.184, 0.65, 0.196, 0.620, 0.11

Letters: M, I, L, K, S, H, A, K, E

The person did not order a:

Use this decoder to help you figure out what letter is equal to each picture.

A =	G =	M =	S =	Y =
B =	H =	N =	T =	Z =
C =	I =	O =	U =	
D =	J =	P =	V =	
E =	K =	Q =	W =	
F =	L =	R =	X =	

Whose Food Is Missing?

Solve the clues to figure out whose food has not come out from the kitchen yet.

Aunt's Order	Uncle's Order	Mom's Order	Dad's Order
Brother's Order	Sister's Order	Grandma's Order	Grandpa's Order

Name: _____

THE LIFETIME LEARNER

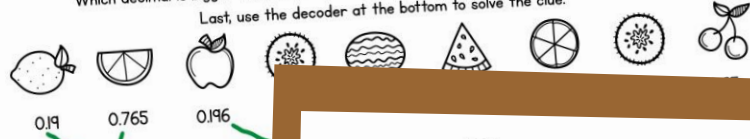
Each time students solve a clue, it will reveal what foods to cross out.

When all clues are completed, the mystery of the missing dinner will be solved!

SKILL PRACTICE

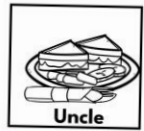
Clue #1: Picture Decoder

Which decimal is bigger in each pair? Write it on the line. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.



Clue #2: Error Analysis

Check each person's work. Put a check or an X next to each answer.



✓ 87.89 < 87.98

✓ 10.100 > 10.001

✗ 6.040 = 6.004

✓ 55.23 > 55.023

✗ 49.56 > 49.560



✗ 4.170 = 4.107

✓ 95.033 < 95.303

✓ 36.17 < 36.71

✗ 82.50 < 82.050

✗ 19.64 = 19.460



✓ 27.40 > 27.004

✓ 88.135 < 88.315

✗ 52.030 = 52.30

✓ 3.52 > 3.502

✓ 49.581 < 49.815

The person with the most correct comparison symbols is NOT missing their dinner.

Clue #3: Detective Report

Circle the decimal that is smaller in each pair.

had been open for 0.50 or 0.055 years and was the most popular place to eat in town.

0.030 items on their menu, including 0.028 or 0.82 appetizers and

restaurant to review its food and ordered 0.127 or 0.727 ad, and a pizza with

about the food and left the Red

0.127=S 0.434=T
0.028=S 0.030=E
0.003=U 0.007=L
0.055=I 0.82=N

- Compare Decimals
- Restaurant-Themed!
- Error Analysis Practice

All clues focus on comparing decimals!

MULTIPLE VERSIONS



Print & Digital Forms

Clue #1: Picture Decoder
Which decimal is bigger in each pair? Write it on the line. Then, draw a line to each match.
Last, use the decoder at the bottom to solve the clue.

Clue #2: Error Analysis
Check each person's work. Put a check or an X next to each answer.

Clue #3: Detective Report
Circle the decimal that is smaller in each pair.
0.50 or 0.055
The Red Restaurant had been open for _____ years and was the most popular place to eat in town.
They had _____
0.07 or 0.003
0.434 or 0.44
_____ and ordered _____ or 0.727
pepperoni
Restaurant _____
Red Restaurant will be open for more than _____ more years.
The order that is missing comes with:
U T E N S I L S
Solve each question. Write the answer above each equation.
Then, use the decoder to figure out the message.

3 Clue Version

Clue #1: Picture Decoder
Which decimal is bigger in each pair? Write it on the line. Then, draw a line to each match.
Last, use the decoder at the bottom to solve the clue.

Clue #2: Error Analysis
Check each person's work. Put a check or an X next to each answer.

Clue #3: Detective Report
Circle the decimal that is smaller in each pair.
0.50 or 0.055
The Red Restaurant had been open for _____ years and was the most popular place to eat in town.

Clue #4: The Menu
Put the correct symbol in each box. Then, read the box at the bottom.

Clue #5: Descrambler
The person who is missing their food did not order any:
Write the decimals in order from biggest to smallest on the lines.
27.91 27.9 27.09 27.009 24.765 24.135 24.208
Write the letter that goes with each decimal in the boxes.
L E T T U C E

5 Clue Version

Clue #1: Picture Decoder
Which decimal is bigger in each pair? Write it on the line. Then, draw a line to each match.
Last, use the decoder at the bottom to solve the clue.

Answers: 0.765 0.33 0.19 0.49 0.184 0.65 0.196 0.620 0.11

Letters: M I L K S H A

The person did not order a:

Use this decoder to help you figure out what letter is equal to each picture.

Clue #1: Picture Decoder
Which decimal is bigger in each pair? Write it on the line. Then, draw a line to each match.
Last, use the decoder at the bottom to solve the clue.

Answers: 0.765

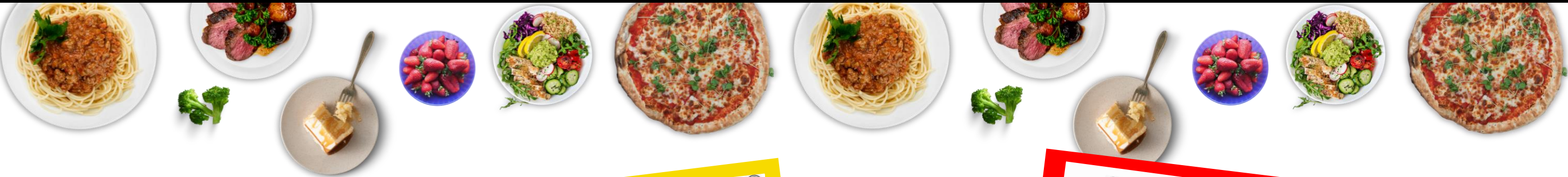
Letters: M

The person did not order a:

Use this decoder to help you figure out what letter is equal to each picture.

Short & Long Options

2 MATH FACT OPTIONS!



Whose Food Is Missing?

Solve the clues to figure out whose food has not come out from the kitchen yet.

 Aunt's Order	 Uncle's Order	 Mom's Order	 Dad's Order
 Brother's Order	 Sister's Order	 Grandma's Order	 Grandpa's Order

Name: _____

Clue #1: Picture Decoder

Write the answer on each line. Then, draw a line to each match.
Last, use the decoder at the bottom to solve the clue.

Answers: $16 \div 2 = 8$, $11 \div 3 = 3$, $3 \div 2 = 1$, $12 \div 5 = 2$, $18 \div 10 = 1$, $15 \div 3 = 5$, $13 \div 7 = 1$, $9 \div 4 = 2$

Letters: M I L K S H A K

The person did not order a: _____

Clue #2: Error Analysis

Check each person's work. Put a check or an X next to each answer.

Uncle	Grandma	Grandpa
$10 - 5 = 5$ ✓	$18 - 9 = 8$ ✗	$19 - 7 = 12$ ✓
$13 - 4 = 10$ ✗	$5 - 2 = 2$ ✗	$7 - 3 = 5$ ✗
$20 - 8 = 12$ ✓	$14 - 6 = 8$ ✓	$12 - 4 = 8$ ✓

Clue #3: Detective Report

The Red Restaurant had been open for $5 + 4 = 9$ years and was the most popular place to eat in town. They had over $14 + 7 = 21$ items on their menu, including $3 + 16 = 19$ appetizers and $0 + 2 = 2$ desserts. A local restaurant critic went to the Red Restaurant to review its food and ordered $7 + 3 = 10$ items. The critic tried delicious garlic knots, a house salad, and a pizza with $11 + 8 = 19$ toppings. By the end of the meal, the restaurant critic was raving about the food and left the Red Restaurant a review with $2 + 3 = 5$ stars online. Everyone hopes the restaurant will be open for more than $8 + 6 = 14$ more years. Order that is missing comes with: _____

Answers: $21 \div 3 = 7$, $19 \div 9 = 2$, $10 \div 2 = 5$, $14 \div 7 = 2$, $19 \div 11 = 1$, $5 \div 2 = 2$, $7 \div 3 = 2$, $14 \div 8 = 1$

Clue #4: The Menu

Put the correct answer in each box. Then, read the box at the bottom.

MENU			DINNER		
$60 \div 6 = 10$ P	$32 \div 4 = 8$ I	$21 \div 3 = 7$ Z	$34 \div 9 = 3$ A	$30 \div 10 = 3$ C	$4 \div 4 = 1$ B
LUNCH			DESSERT		
$20 \div 10 = 2$ U	$18 \div 7 = 2$ S	$36 \div 9 = 4$ R	$63 \div 7 = 9$ T	$25 \div 5 = 5$ E	$12 \div 6 = 2$ A

Cross out the boxes with the following answers:
• 10 • 6 • 2
• 7 • 1 • 4
• 9

The letters that are left will reveal a message.

The person did order: ice

Clue #5: Descrambler

Place the correct letter on top of each matching answer.

The person who is missing their food did not order any: L E T T U C E

Answers: $27 \div 9 = 3$ T, $8 \times 9 = 72$ C, $56 \div 8 = 7$ T, $4 \times 4 = 16$ L, $70 \div 7 = 10$ E, $48 \div 8 = 6$ U, $5 \times 8 = 40$ E

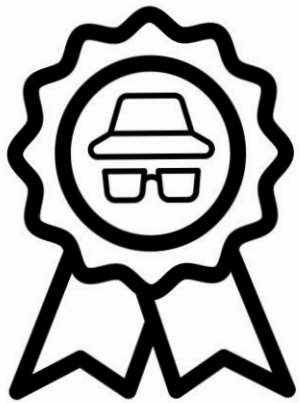
Same clues. Same mystery. Different math!

Use the add/subtract facts to 20 mystery or the multiplication/division facts 1-12 mystery!

FAST FINISHER ACTIVITY



The Detective Agency sends
congratulations to:



Lindsay

You solved the mystery!

11/2

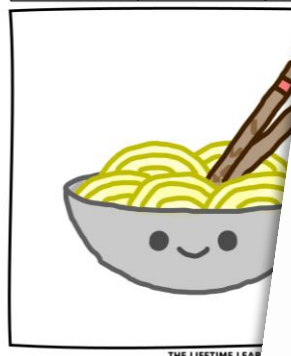
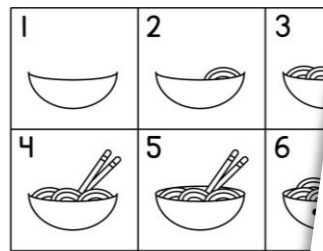
Date

AW

Presented by:

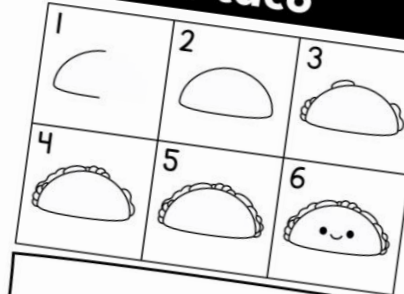
LET'S DRAW...

noodles



LET'S DRAW...

a taco



If students finish early,
give them a
certificate of completion
and a directed drawing
to complete while others
continue working.

MATH MYSTERY BENEFITS



- No Prep
- Print and Digital Versions
- 3 & 5 Clue Options
- Extra Math Facts Mystery
- Fun and Engaging
- Easy to Differentiate
- Encourages Critical Thinking
- Aligns with Math Standards
- Perfect for Review Days

Clue #4: The Menu
Put the correct symbol in each box. Then, read the box at the bottom.

MENU		
8.281 ☒ 8.182 X P	7.280 ☐ 7.28 I	3.543 ☒ 3.345 X Z
LUNCH		
4.437 ☒ 4.347 X U	1.302 ☒ 1.032 X S	9.009 ☒ 9.09 X R

DINNER		
2.115 ☒ 2.151 X A	5.49 ☐ 5.490 C	7.720 ☒ 7.27 X B
DESSERT		
5.017 ☒ 5.19 X T	8.130 ☐ 8.13 E	6.618 ☒ 6.681 X A

Cross out the boxes with the following answers:
> or <
The letters that are left will reveal a message.

The person did order:
ice

THE LIFETIME LEARNER

In 5th grade, this works well in small groups or in partners.

WHY TEACHERS LOVE THESE!

Ordinary math worksheets can be boring and unoriginal.

You want activities that are fun and engaging, but also rigorous and meaningful to student learning.

MATH MYSTERIES ARE EXACTLY WHAT YOU'VE BEEN LOOKING FOR!

Clue #1: Picture Decoder
Which number is bigger in each pair? Write it on the line. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

Clue #2: Error Analysis
Check each person's work. Put a check or an X next to each answer.

Clue #3: Detective Report
Circle the decimal that is smaller in each pair.
0.50 or 0.055
The Red Restaurant had been open for _____ years and was the most popular place to eat in town.

Clue #4: The Menu
Put the correct symbol in each box. Then, read the box at the bottom.

MENU		DINNER	
27.009 T	27.91 I	24.275 C	27.09 T
24.765 U	24.208 E	27.9 E	

Clue #5: Descrambler
Put the decimals in order from biggest to smallest on the lines below.

The person who is missing their food did not order any:

Write the decimals in order from biggest to smallest on the lines.
27.91 27.9 27.09 27.009 24.765 24.275 24.208

Write the letter that goes with each decimal in the boxes.
L E T T U C E

The Detective Agency sends congratulations to:

 **Lindsay**
You solved the mystery!

11/2 Date **AW** Presented by:

LET'S DRAW...
noodles

1 2 3
4 5 6



LET'S DRAW...
a taco

1 2 3
4 5 6

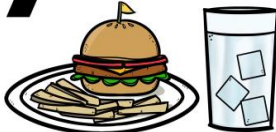


Whose Food Is Missing?
Solve the clues to figure out whose food has not come out from the kitchen yet.

 Aunt's Order	 Uncle's Order	 Mom's Order	 Dad's Order
 Brother's Order	 Sister's Order	 Grandma's Order	 Grandpa's Order

Name: _____

solve the mystery



The Case of the Missing Dinner

WHAT MAKES MATH MYSTERIES UNIQUE?

Math Mysteries aren't just a copy of Reading Mysteries!

They have brand-new clues, focus on math skills, and even feature a different conclusion to the mystery.

The only thing that stays the same is the list of suspects students start with!

So, if you have both, students can play during math and then again during reading for double the fun.

Reading

Clue #1: Fill in the Blank

bring	ate	ordered	serves	decided	sipped
chew	bite	sips	shares	bit	eat
serve	brought	order	missing		

Below, find the missing verb above. Then write the word in italics in each box.

Word: *the* The chef saw a spoon was *did* She *with* a bowl of soup.

Word: *missing* The water *missing* menus to us. We *not* order a pizza. He *a* into the juicy burger.

Word: *order* The kids *order* a plate of fries. The waitress *come* will us dessert. The thirsty kids *burger* will us their drinks.

When you are done, read the words in order from top to bottom in each row to figure out the clue.

Example of Clue 1

Math

Clue #1: Picture Decoder

Which decimal is bigger in each pair? Write it on the line. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

0.19	0.765	0.196	0.49	0.33	0.184	0.11	0.620	0.65
0.765	0.33	0.19	0.49	0.184	0.65	0.196	0.620	0.11

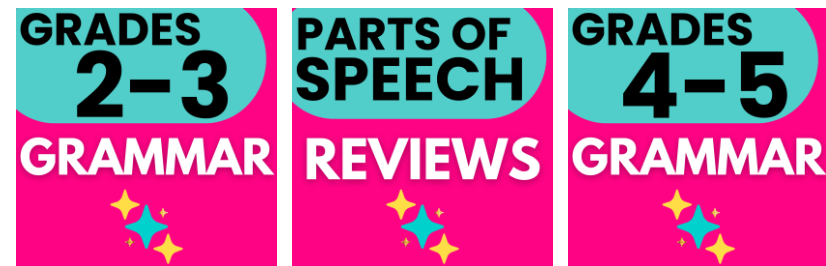
Use this decoder to help you figure out what letter is equal to each picture.

A =	G =	M =	S =	Y =
B =	H =	N =	T =	Z =
C =	I =	O =	U =	
D =	J =	P =	V =	
E =	K =	Q =	W =	
F =	L =	R =	X =	

KEEP THE FUN GOING!

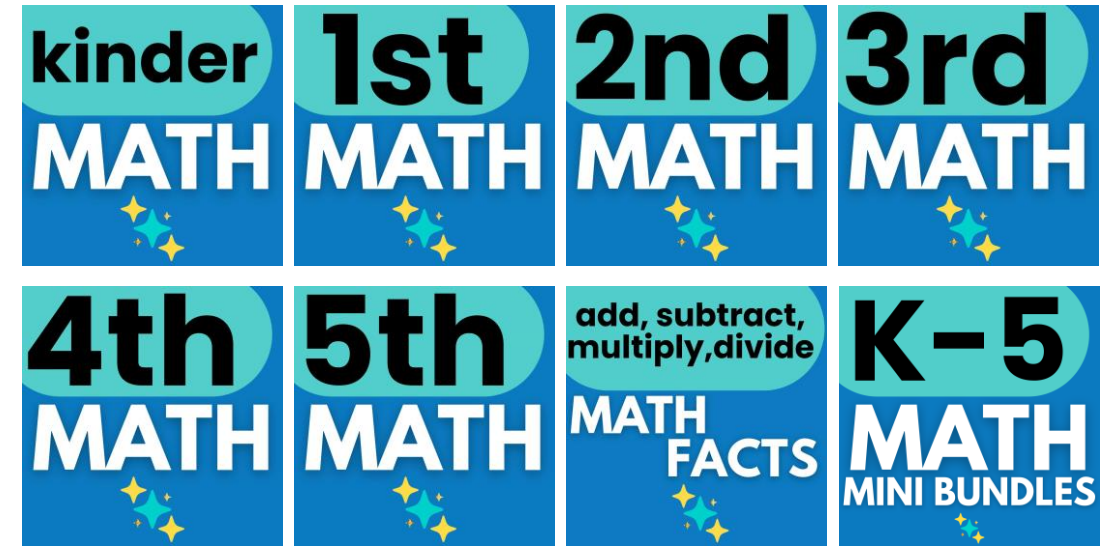
GRAB A **READING MYSTERY**:

Reading mysteries aren't just a copy of math. They come with fresh clues, unique reading challenges, and a new culprit, so students are solving an entirely different case!



MORE **MATH MYSTERIES**:

Explore other grade levels to differentiate and keep every student engaged.



BUY A BUNDLE
TO **SAVE BIG!**

