

WHAT IS THIS?



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.

Clue #2: Sorting Seashells
Figure out the answer on each seashell. Color the seashells the same color as the bucket they belong in. Then, find the correct key at the bottom to solve the clue.

Clue #3: Color by Code
pink: 7 1 3 8 14 green: 2 4 6 10 12 14 16 18 20

Clue #4: Beach Cross-Off
Put the correct answer in each box. Then, read what to do at the bottom.

Clue #5: Right or Wrong?
Look at each answer. Decide if it's right or wrong. Color a thumbs up or down to show if you agree.

$\begin{array}{r} 5212 \\ - 48 \\ \hline 14 \end{array}$	$\begin{array}{r} 79 \\ - 51 \\ \hline 28 \end{array}$	$\begin{array}{r} 4514 \\ - 17 \\ \hline 37 \end{array}$	$\begin{array}{r} 84313 \\ - 45 \\ \hline 48 \end{array}$
$\begin{array}{r} 39 \\ + 41 \\ \hline 80 \end{array}$	$\begin{array}{r} 56 \\ + 21 \\ \hline 77 \end{array}$	$\begin{array}{r} 24 \\ + 73 \\ \hline 97 \end{array}$	$\begin{array}{r} 49 \\ + 12 \\ \hline 61 \end{array}$

How many answers did each character get correct?
 2 3

Cross out who got more answers correct. Now you should know who accidentally took the sunglasses!

solve the mystery

The Case of the Missing Sunglasses

THE LIFETIME LEARNER

Who Took My Sunglasses?

Figure out who took the sunglasses by solving each clue.

 Nia	 Malik	 Yoko	 Natalia
 Diego	 Sahil	 Ainsley	 Harper

Name: _____

THE LIFETIME LEARNER

Students complete a series of clues to figure out who took the sunglasses!

HOW TO PLAY



What Happened?

Uh oh! On your vacation to the beach, your new sunglasses went missing. Now, it is up to you to complete a set of clues to figure out which kid on the beach accidentally took them. Good luck!



1. Take a list of kids on the beach and then start solving each clue.
2. Each time you solve a clue, you will get closer to discovering who took the sunglasses.
3. Cross out wrong kids each time you find out new information.

Good luck!

THE LIFETIME LEARNER

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.

\$0.28	\$0.55	\$0.75	\$0.95	\$0.40	\$0.10	\$0.09	\$0.27	\$0.20	\$0.85

Answers: \$0.10 \$0.75 \$0.20 \$0.28 \$0.95 \$0.27 \$0.85 \$0.09 \$0.55 \$0.40

2 nickels 3 quarters 1 dime and 2 nickels 1 quarter and 3 pennies 3 quarters and 2 dimes 7 pennies and 4 nickel 1 quarter and 6 dimes 9 pennies 1 nickel and 2 quarters 4 dimes

Letters: S A N D C A S T L E

The kid who took the sunglasses isn't near 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 =	

THE LIFETIME LEARNER

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Name: _____

THE LIFETIME LEARNER

Each time students solve a clue, it will reveal what suspect(s) to cross out. When all clues are completed, the mystery of the missing sunglasses will be solved!

SKILL PRACTICE

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: $\$0.10$ $\$0.75$ $\$0.20$
2 nickels 3 quarters 1 dime and 2 nickels

Letters: **S A N**

The kid who took the sunglasses isn't near a...
Use this decoder to help you figure out what letter is equal to each picture.

Clue #2: Sorting Seashells
Figure out the answer on each seashell. Color the seashells the same color as the bucket they belong in. Then, find the correct key at the bottom to solve the clue!

264 pink 591 purple 723 green 916 blue

200+60+4 seven hundred twenty-three 900+10+6 five hundred ninety-one

916 264 264 916 723

nine hundred sixteen 264 two hundred sixty-four 10+6+900

Cross out the kids standing up if there are:
• 3 pink seashells
• 2 purple seashells
• 2 green seashells
• 3 blue seashells

Cross out kids with surfboards if there are:
• 2 pink seashells
• 4 purple seashells
• 3 green seashells
• 1 blue seashell

Cross out kids not wearing sunglasses if there are:
• 3 pink seashells
• 1 purple seashell
• 2 green seashells
• 4 blue seashells

Cross out the kids sitting down if there are:
• 3 pink seashells
• 2 purple seashells
• 3 green seashells
• 2 blue seashells

Clue #3: Color by Code

green:
 $3+3=6$
 $2+8=10$
 $4+9=13$

light blue:
 $1+1=2$
 $7+5=12$
 $6+12=18$

dark blue:
 $3+1=4$
 $2+7=9$
 $8+8=16$

Follow: Cross out Malk.
Pink: Cross out Nia.

- Add & Subtract to 20
- Place Value to 1000
- Add and Subtract to 100
- Money
- Tell Time to the 5 Minute
- Summer-Themed
- Error Analysis Practice

All clues focus on reviewing 2nd grade math skills!

MULTIPLE VERSIONS



Print & Digital Forms

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Clue #3: Color by Code

pink:	7	1	3	8	14	green:
$1+2=$ 3	2	12	2	18	12	$3+3=$ 6
$3+4=$ 7	18	15	9	2	11	$2+8=$ 10
$8+6=$ 14	5	8	16	4	6	$4+9=$ 13
orange:	4+1= 5	6+5= 11	14+3= 17	light blue:	1+1= 2	$2+8=$ 10
$4+1=$ 5	6+5= 11	14+3= 17	light blue:	1+1= 2	$2+8=$ 10	$4+9=$ 13
$6+5=$ 11	14+3= 17	yellow:	1+0= 1	dark blue:	7+5= 12	$6+2=$ 8
$14+3=$ 17	yellow:	1+0= 1	dark blue:	7+5= 12	$6+2=$ 8	$3+1=$ 4
yellow:	$1+0=$ 1	dark blue:	7+5= 12	$6+2=$ 8	$3+1=$ 4	$2+7=$ 9
$1+0=$ 1	dark blue:	7+5= 12	$6+2=$ 8	$3+1=$ 4	$2+7=$ 9	$8+8=$ 16
$5+3=$ 8	dark blue:	7+5= 12	$6+2=$ 8	$3+1=$ 4	$2+7=$ 9	
$8+7=$ 15	dark blue:	7+5= 12	$6+2=$ 8	$3+1=$ 4	$2+7=$ 9	

Which color was used the most in the picture? → *Light blue: Cross out Yoko. *Yellow: Cross out Malik.
*Dark blue: Cross out Natalia. *Pink: Cross out Nia.

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*Dark blue: Cross out Natalia. *Pink: Cross out Nia.

Clue #4: Beach Cross-Off
Put the correct answer in each box. Then, read what to do at the bottom.

$52-12$	79	$45+14$	$83-13$
-48	-51	-17	-45
14	77	98	61

How many answers did each character get correct?

2	3
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Cross out who got **more answers correct**.
Now you should know who accidentally took the sunglasses!

Clue #3: Color by Code

pink:	7	1	3	8	14	green:
$1+2=$ 3	2	12	2	18	12	$3+3=$ 6
$3+4=$ 7	18	15	9	2	11	$2+8=$ 10
$8+6=$ 14	5	8	16	4	6	$4+9=$ 13
orange:	4+1= 5	6+5= 11	14+3= 17	light blue:	1+1= 2	$2+8=$ 10
$4+1=$ 5	6+5= 11	14+3= 17	light blue:	1+1= 2	$2+8=$ 10	$4+9=$ 13
$6+5=$ 11	14+3= 17	yellow:	1+0= 1	dark blue:	7+5= 12	$6+2=$ 8
$14+3=$ 17	yellow:	1+0= 1	dark blue:	7+5= 12	$6+2=$ 8	$3+1=$ 4
yellow:	$1+0=$ 1	dark blue:	7+5= 12	$6+2=$ 8	$3+1=$ 4	$2+7=$ 9
$1+0=$ 1	dark blue:	7+5= 12	$6+2=$ 8	$3+1=$ 4	$2+7=$ 9	$8+8=$ 16
$5+3=$ 8	dark blue:	7+5= 12	$6+2=$ 8	$3+1=$ 4	$2+7=$ 9	
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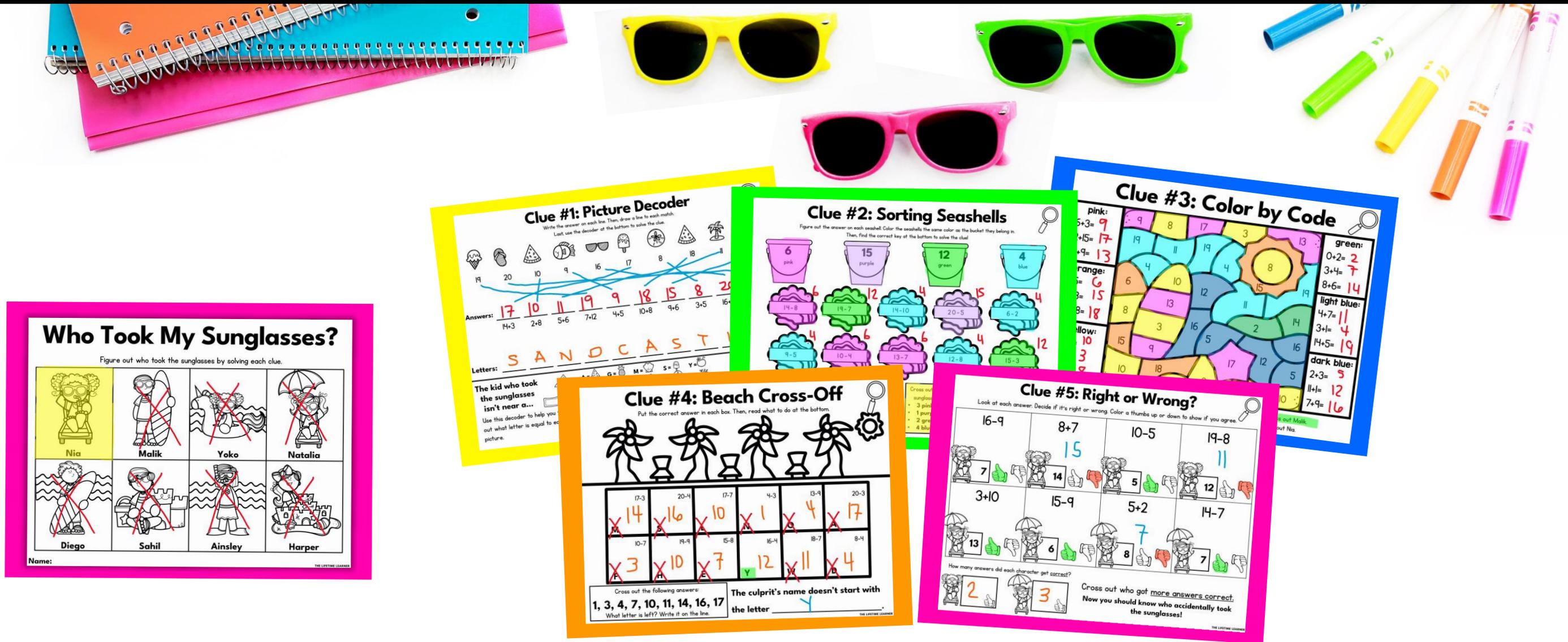
Clue #4: Color by Code

pink:	7	1	3	8	14	green:
$1+2=$ 3	2	12	2	18	12	$3+3=$ 6
$3+4=$ 7	18	15	9	2	11	$2+8=$ 10
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$4+1=$ 5	6+5= 11	14+3= 17	light blue:	1+1= 2	$2+8=$ 10	$4+9=$ 13
$6+5=$ 11	14+3= 17	yellow:	1+0= 1	dark blue:	7+5= 12	$6+2=$ 8
$14+3=$ 17	yellow:	1+0= 1	dark blue:	7+5= 12	$6+2=$ 8	$3+1=$ 4
yellow:	$1+0=$ 1	dark blue:	7+5= 12	$6+2=$ 8	$3+1=$ 4	$2+7=$ 9
$1+0=$ 1	dark blue:	7+5= 12	$6+2=$ 8	$3+1=$ 4	$2+7=$ 9	$8+8=$ 16
$5+3=$ 8	dark blue:	7+5= 12	$6+2=$ 8	$3+1=$ 4	$2+7=$ 9	
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Which color was used the most in the picture? → *Light blue: Cross out Yoko. *Yellow: Cross out Malik.
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Short & Long Options

MATH FACT VERSION!



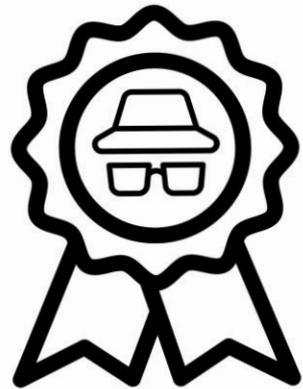
Same clues. Same mystery. Different math!

There is an extra version included that focuses on addition and subtraction facts to 20.

FAST FINISHER ACTIVITY



The Detective Agency sends congratulations to:



Lindsay

You solved the mystery!

11/2

Date

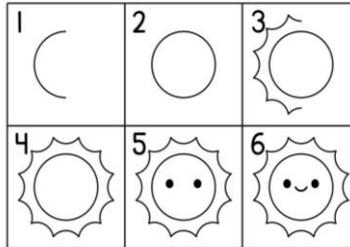
AW

Presented by:

THE LIFETIME LEARNER

LET'S DRAW...

a sun



THE LIFETIME LEARNER

LET'S DRAW...

an ice cream



THE LIFETIME LEARNER

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: Beach Cross-Off
Put the correct answer in each box. Then, read what to do at the bottom.

 M 8:35	 S 12:45	 L 1:50	 N 5:10	 O 9:30	 A 7:25
 F 4:40	 H 2:55	 E 6:25	 Y 3:05	 M 10:20	 D 11:00

Cross out the following answers:
• 1:50 • 7:25 • 9:30 • 4:40 • 10:20 • 6:25
• 5:10 • 8:35 • 12:45 • 11:00 • 2:55

What letter is left? Write it on the line.
The culprit's name doesn't start with the letter Y.

THE LIFETIME LEARNER

In 2nd 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!

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

Clue #2: Sorting Seashells
Figure out the answer on each seashell. Color the seashells the same color as the bucket they belong in. Then, find the correct key at the bottom to solve the clue!

264 pink	591 purple	723 green	916 blue
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Clue #3: Color by Code

pink:	7	1	3	8	14	green:
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Clue #4: Beach Cross-Off
Put the correct answer in each box. Then, read what to do at the bottom.

Clue #5: Right or Wrong?
Look at each answer. Decide if it's right or wrong. Color a thumbs up or down to show if you agree.

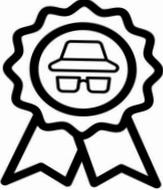
$\begin{array}{r} 52 \\ -48 \\ \hline 14 \end{array}$ 14 <input checked="" type="checkbox"/> thumbs up	$\begin{array}{r} 79 \\ -51 \\ \hline 28 \end{array}$ 29 <input type="checkbox"/> thumbs up <input checked="" type="checkbox"/> thumbs down	$\begin{array}{r} 45 \\ -17 \\ \hline 37 \end{array}$ 37 <input checked="" type="checkbox"/> thumbs up	$\begin{array}{r} 84 \\ -45 \\ \hline 48 \end{array}$ 47 <input type="checkbox"/> thumbs up <input checked="" type="checkbox"/> thumbs down
$\begin{array}{r} 39 \\ +41 \\ \hline 80 \end{array}$ 80 <input checked="" type="checkbox"/> thumbs up	$\begin{array}{r} 56 \\ +21 \\ \hline 77 \end{array}$ 77 <input checked="" type="checkbox"/> thumbs up	$\begin{array}{r} 24 \\ +73 \\ \hline 97 \end{array}$ 98 <input type="checkbox"/> thumbs up <input checked="" type="checkbox"/> thumbs down	$\begin{array}{r} 49 \\ +12 \\ \hline 61 \end{array}$ 61 <input checked="" type="checkbox"/> thumbs up

How many answers did each character get correct?

2	3
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Cross out who got **more answers correct**. Now you should know who accidentally took the sunglasses!

The Detective Agency sends congratulations to:

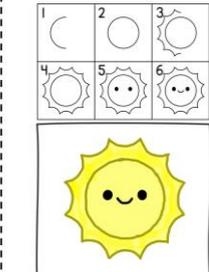


Lindsay

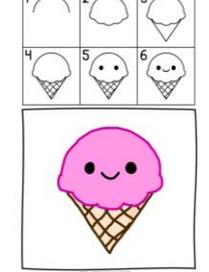
You solved the mystery!

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

LET'S DRAW...
a sun



LET'S DRAW...
an ice cream



Who Took My Sunglasses?
Figure out who took the sunglasses by solving each clue.

 Nia	 Malik	 Yoko	 Natalia
 Diego	 Sahil	 Ainsley	 Harper

Name: _____

solve the mystery



The Case of the Missing Sunglasses

WHAT MAKES MATH MYSTERIES UNIQUE?

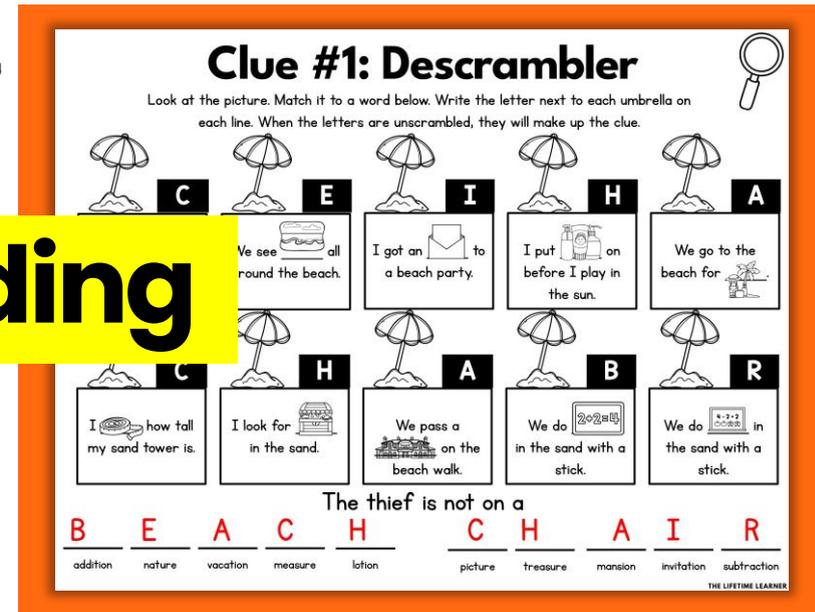
Math Mysteries aren't just a copy of Reading Mysteries!

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: Descrambler
Look at the picture. Match it to a word below. Write the letter next to each umbrella on each line. When the letters are unscrambled, they will make up the clue.

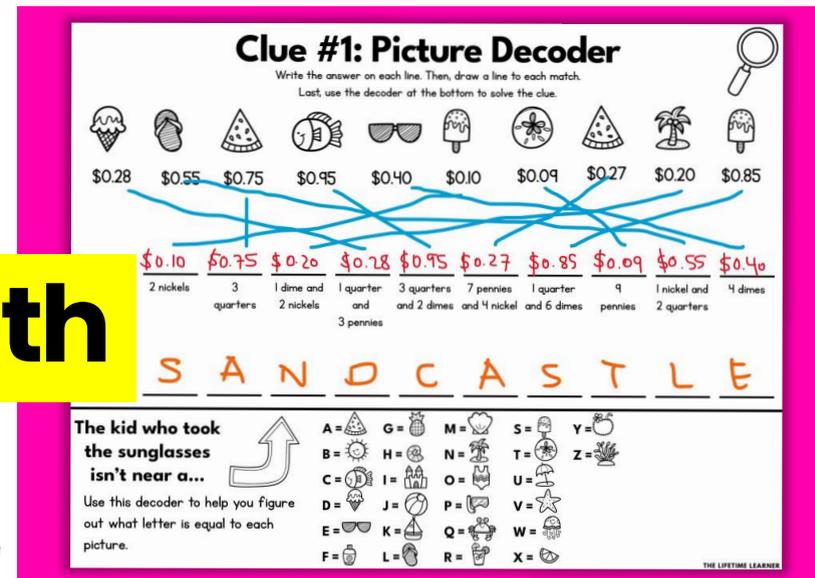
C	E	I	H	A
We see all around the beach.	I got an to a beach party.	I put on before I play in the sun.	We go to the beach for	
C	H	A	B	R
I how tall my sand tower is.	I look for in the sand.	We pass a on the beach walk.	We do in the sand with a stick.	We do in the sand with a stick.

The thief is not on a

B	E	A	C	H	C	H	A	I	R
addition	nature	vacation	measure	lotion	picture	treasure	mansion	invitation	subtraction

Example of Clue 1

Math



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.

\$0.28	\$0.55	\$0.75	\$0.95	\$0.40	\$0.10	\$0.09	\$0.27	\$0.20	\$0.85

~~\$0.10 \$0.75 \$0.20 \$0.28 \$0.95 \$0.27 \$0.85 \$0.09 \$0.55 \$0.40~~

2 nickels	3 quarters	1 dime and 2 nickels	1 quarter and 2 nickels	3 quarters and 2 dimes	7 pennies and 4 nickel	1 quarter and 6 dimes	9 pennies	1 nickel and 2 quarters	4 dimes
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S A N D C A S T L E

The kid who took the sunglasses isn't near a...

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!

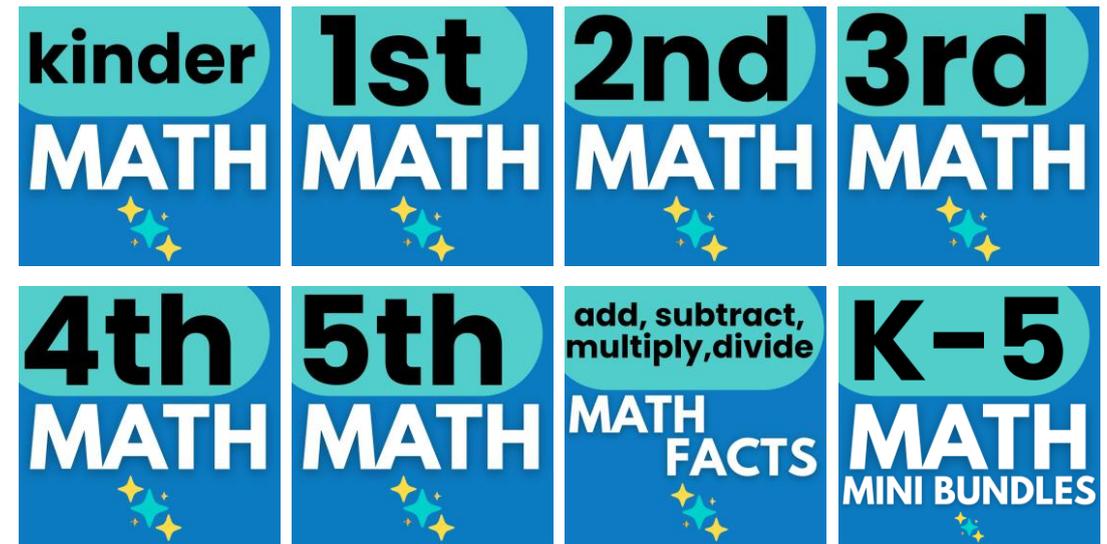
GRAB A **READING MYSTERY**:

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!**

