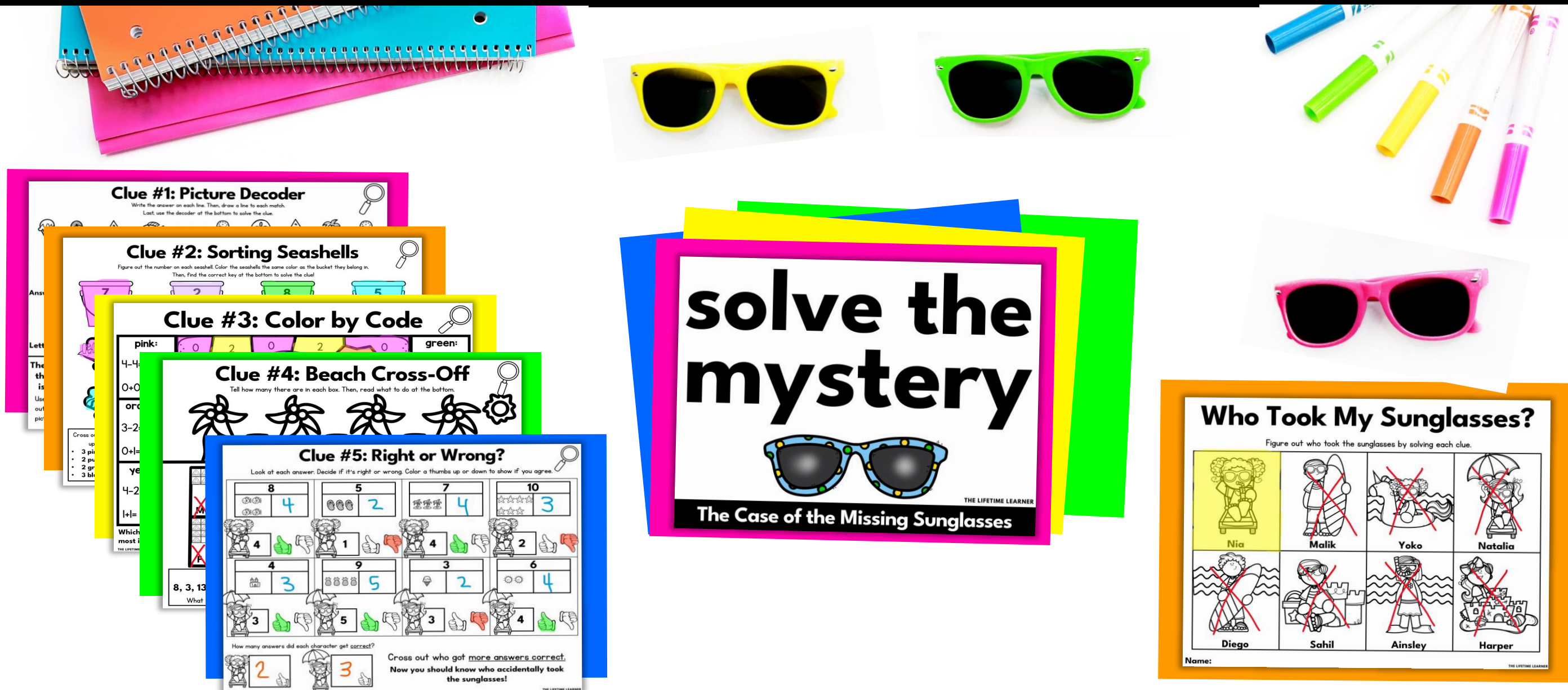


WHAT IS THIS?



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.

9 32 67 68 24 87 51 82 55 43

Answers: **87 82 55 9 68 67 43 51 32 24**

I more than 86 I less than 83 I more than 54 I less than 10 I more than 67 I less than 68 I more than 42 I less than 52 I more than 31 I less than 25

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 =	

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

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.

9 32 67 68

Answers: **87** 1 more than 86
82 1 less than 83
55 1 more than 54

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 number 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!

7 pink 2 purple 8 green 5 blue

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:
 $5-2=$ 3
 $2+1=$ 3

light blue:
 $3+1=$ 4
 $5-1=$ 4

dark blue:
 $2+3=$ 5
 $5-0=$ 5

Yellow: Cross out Malik.
Pink: Cross out Nia.

- 1 More 1 Less
- Counting Objects to 10
- Add and Subtract to 5
- Ten and Twenty Frames
- Decompose Numbers to 10
- Summer-Themed
- Error Analysis Practice

All clues focus on reviewing Kindergarten math skills!

MULTIPLE VERSIONS

Print & Digital Forms

Short & Long Options

3 Clue Version

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 number 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:	0 2 0 2 0	green:	
$4-4=$	0	$5-2=$	3
$0+0=$	0	$=$	3
orange:		light blue:	
$3-2=$	1	$=$	4
$0+=$	1	$=$	4
yellow:		dark blue:	
$4-2=$	2	$2+3=$	5
$1+=$	2	$5-0=$	5

Which color was used the most in the picture? →

- Light blue: Cross out Yoko.
- Dark blue: Cross out Natalia.
- Yellow: Cross out Malik.
- Pink: Cross out Nia.

5 Clue Version

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 number 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: 0 2 0 2 0 green:

$4-4=$ 0 $0+0=$ 0

orange: $3-2=$ 1 $0+=$ 1

yellow: $4-2=$ 2 $1+=$ 2

Clue #4: Beach Cross-Off
Tell how many there are in each box. Then, read what to do at the bottom.

8	5	7	10
4	2	4	3

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.

8	5	7	10
4	2	4	3

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!

Clue #3: Color by Code

pink: $4-4=$ 0 $0+0=$ 0

orange: $3-2=$ 1 $0+=$ 1

yellow: $4-2=$ 2 $1+=$ 2

green: $5-2=$ 3 $2+=$ 3

light blue:

Which color was used the most in the picture? →

- Light blue: Cross out Yoko.
- Dark blue: Cross out Natalia.
- Yellow: Cross out Malik.
- Pink: Cross out Nia.

Clue #3: Color by Code

pink: $4-4=$ 0 $0+0=$ 0

orange: $3-2=$ 1 $0+=$ 1

yellow: $4-2=$ 2 $1+=$ 2

green: $5-2=$ 3 $2+=$ 3

light blue:

dark blue:

Which color was used the most in the picture? →

- Light blue: Cross out Yoko.
- Dark blue: Cross out Natalia.
- Yellow: Cross out Malik.
- Pink: Cross out Nia.

EASY & HARD OPTIONS

1. Students do the math on each clue page.
2. There is minimal reading on every page.
3. Students are handed a card showing what to cross out after completing each page.

The Easy Version materials include four clue cards and a color-by-code page. Clue #1: Picture Time (Fill in each answer) shows icons of an ice cream cone, a slice of pizza, a flower, and a palm tree. Clue #2: Sorting Seashells (Figure out the number on each seashell. Color the seashells the same color as the bucket they belong in.) shows four buckets: 2 purple, 8 green, 5 blue, and 1 light blue. Clue #3: Color by Code shows a gear-like shape with numbers and a color key: green (5-2=3, 2+1=3), light blue (3+1=4, 5-1=4), and dark blue. Clue #4: Who Took My Sunglasses? shows a grid of children's pictures with some crossed out. Clue #5: Who Took My Sunglasses? shows a grid of children's pictures with some crossed out.

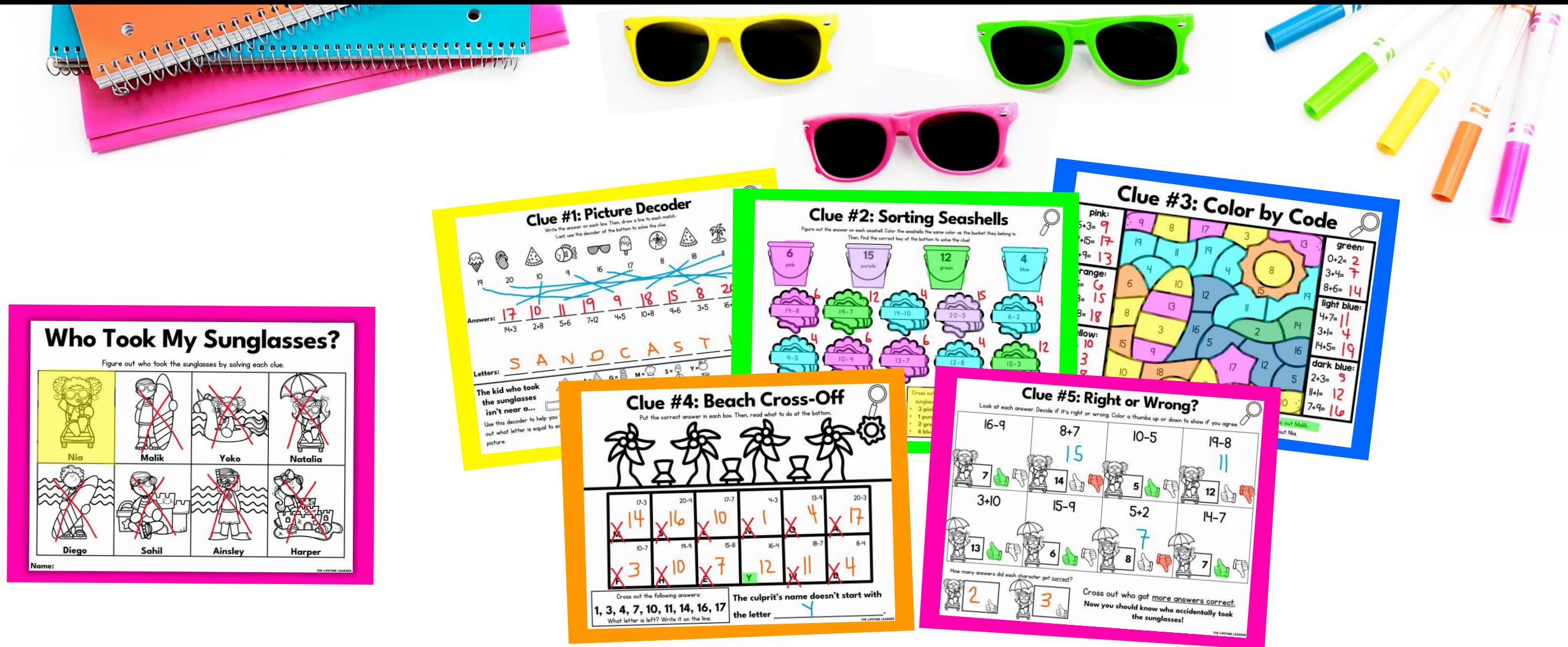
Easy Version

1. Students do the math on each clue page.
2. Teachers help students read the words on each clue page to figure out the mystery “hints”.
3. Students use “hints” to cross out wrong answers.

The Hard Version materials include four clue cards and a color-by-code page. 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.) shows numbers 9, 32, 67, 68 and letters S, A, N. Clue #2: Sorting Seashells (Figure out the number 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!) shows four buckets: 7 pink, 2 purple, 8 green, and 5 blue. Clue #3: Color by Code shows a gear-like shape with numbers and a color key: green (5-2=3, 2+1=3), light blue (3+1=4, 5-1=4), and dark blue. Clue #4: Who Took My Sunglasses? shows a grid of children's pictures with some crossed out. Clue #5: Who Took My Sunglasses? shows a grid of children's pictures with some crossed out.

Hard Version

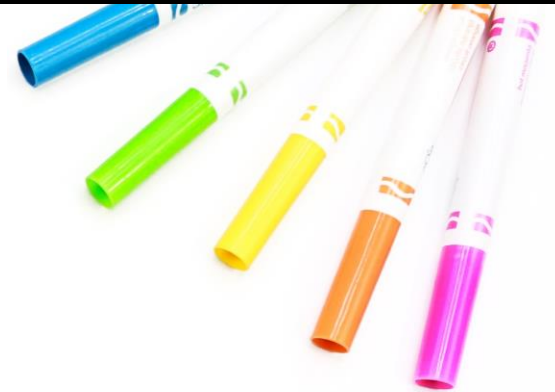
MATH FACT VERSION!



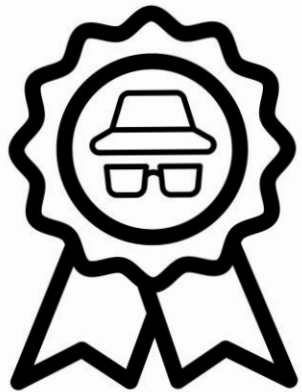
Same clues. Same mystery. Different math!

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

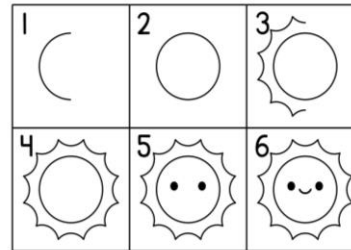
AW

Presented by:

THE LIFETIME LEARNER

LET'S DRAW...

a sun



THE LIFETIME LEARNER

LET'S DRAW...

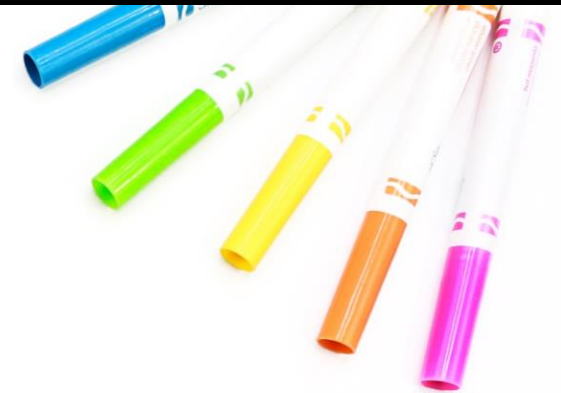
an ice cream



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
Tell how many there are in each box. Then, read what to do at the bottom.



X 8	X 3	X 13	X 4	X 15	X 14
X 16	X 17	X 7	Y 11	X 19	X 12

Cross out these answers:
8, 3, 13, 4, 15, 14, 16, 17, 7, 19, 12

What letter is left? Write it on the line.

The culprit's name doesn't start with the letter Y.

THE LIFETIME LEARNER

In Kindergarten, this works well as a whole group lesson or in small groups at the teacher table.

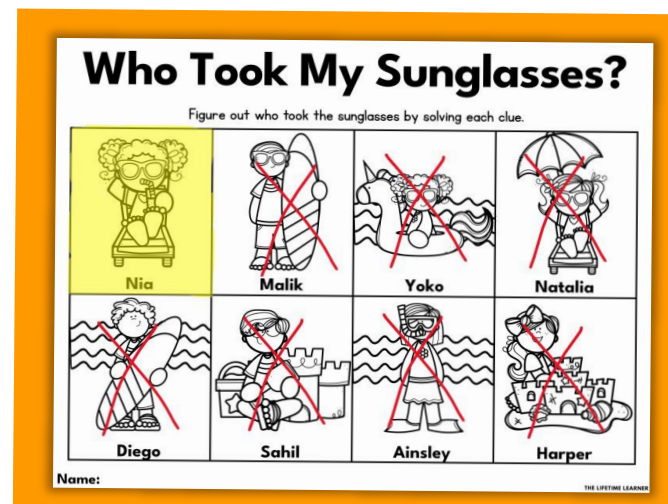
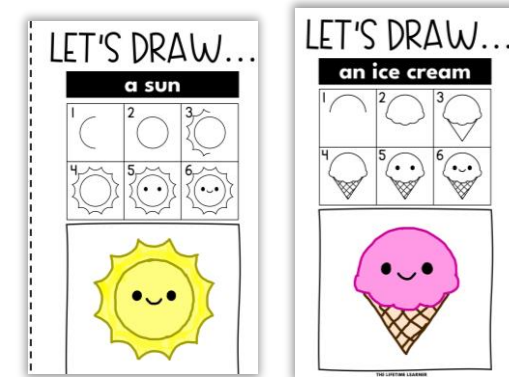
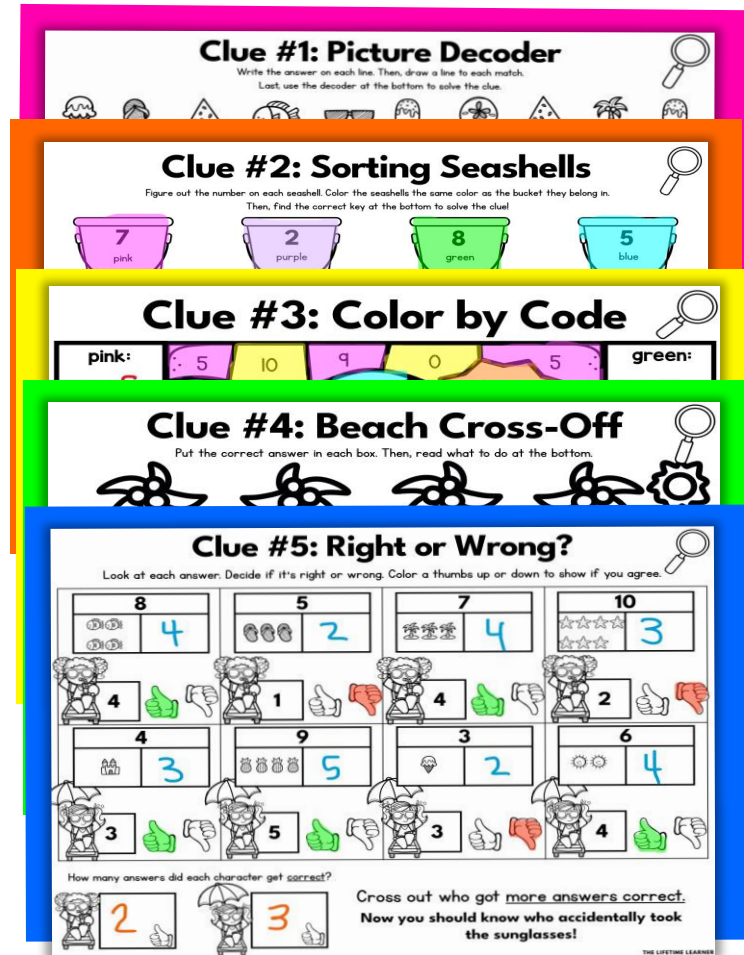
Kindergarteners will need teacher support to read & understand the clues/directions

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!



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.

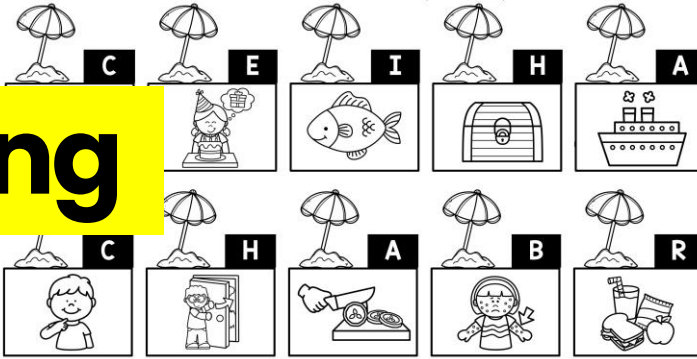
Reading

**Example
of Clue 1**

Math

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.




The thief is not on a

B E A C H C H A I R

rash wish ship chin chest shed shut chop fish lunch

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.



9 32 67 68 24 87 51 82 55 43

87 82 55 9 68 67 43 51 32 24

I more than 86 I less than 83 I more than 54 I less than 10 I more than 67 I less than 68 I more than 42 I less than 52 I more than 31 I less than 25

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 =	

KEEP THE FUN GOING!

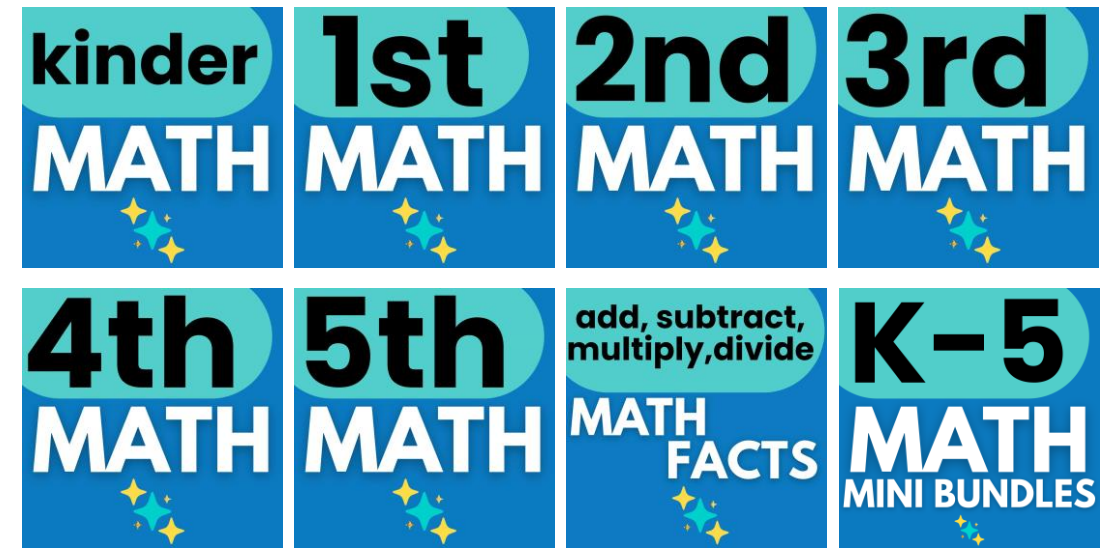
GRAB A **READING MYSTERY**:

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!**

