


WHAT IS THIS?



Clue #1: Picture Decoder
Find each answer. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

Clue #2: Error Analysis
Check each suspect's work. Decide if each comparison symbol is correct. Put a check or an X next to each answer.

Clue #3: Detective Report
I have $20-5$ pencils in my desk. I walked over to my friend's desk, and she had $19-2$ pencils in her desk. She told me that she had $15-3$ more pencils at home. I only have $10-6$ pencils at home. When I saw him, she had $9-4$ pencils in her desk. The letters that I found were 12, 5, 6, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20.

Clue #4: The School Bus
Write the answer to each question in each box.

8+5	7+4	13+6	8+7	9+9	6+6
13	11	19	15	18	12
6+10	6+8	3+7	11+6	12+8	4+5

Clue #5: Picture Reveal
Is each equation true or false? Put a T for true and an F for false.

$20-7=13$	$17-2=14$	$4+10=15$	$6+8=14$	$11+2=12$	$16-9=7$
$5+6=11$	$8+8=17$	$19-4=16$	$7+7=15$	$14-5=9$	$3+8=10$

Are there more true or false equations?
5 true and 7 false

solve the mystery

The Case of the Missing Pencil

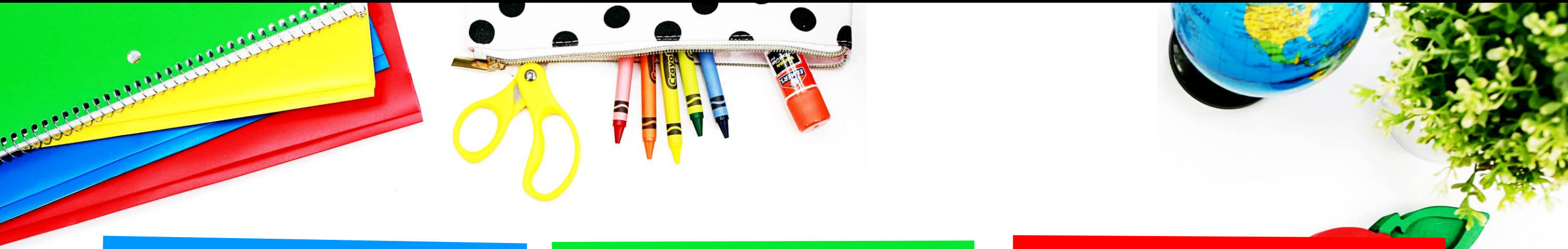
The Suspect List
As you solve each clue, cross out the kids who did not commit the crime. The kid left at the end is the culprit.

I'm wearing yellow pants.	I'm wearing a red shirt.	I'm wearing a green shirt.	I have red shoes.
I'm wearing blue shoes.	I'm wearing a green hair tie.	I have yellow pants.	I have a blue bow.

Name: _____

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

HOW TO PLAY



What Happened?

Oh no! You brought your new pencil to school today but it went missing while you were at recess. It's your job to find out who took the missing pencil.

1. Take a suspect list and then start solving each clue.
2. Each time you solve a clue, you will get closer to discovering who the culprit (thief) is!
3. Cross out wrong suspects each time you find out new information. Good luck!



Clue #1: Picture Decoder

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

72	92	29	27	97	22	99	77	79	
Answers: <u>92</u>	<u>77</u>	<u>22</u>	<u>27</u>	<u>79</u>	<u>97</u>	<u>29</u>	<u>99</u>	<u>72</u>	
	90+2	70+7	20+2	20+7	70+9	90+7	20+9	90+9	70+2

Letters: N O B O O K B A G

The culprit has...

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 Suspect List

As you solve each clue, cross out the kids who did not commit the crime. The kid left at the end is the culprit.

 I'm wearing yellow pants. X	 I'm wearing a red shirt. X	 I'm wearing a green shirt. X	 I have red shoes. X
 I'm wearing blue shoes. X	 I'm wearing a green hair. X	 I have yellow pants. X	 I have a blue bow. <u>✓</u>

Name: _____

Each time students solve a clue, it will reveal which suspects to cross off. When all clues are completed, the mystery of the missing pencil will be solved!

SKILL PRACTICE

- Expanded Form to 100
- Compare Numbers to 100
- True/False Equations to 20
- Add to 20
- Subtract to 20
- School-Themed
- Error Analysis Practice

Clue #1: Picture Decoder

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

72 92 29

Answers: $\frac{92}{90+2}$ $\frac{77}{70+7}$ 29

Letters: N O

The culprit has...

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

Clue #2: Error Analysis

Check each suspect's work. Decide if each comparison symbol is correct. Put a check or an X next to each answer.

Darius	Destiny	Nora
42 > 24 ✓	99 < 66 ✗	49 = 94 ✗
69 < 96 ✓	84 = 89 ✗	38 < 39 ✓
47 < 74 ✓	27 > 26 ✓	19 < 20 ✓
33 < 33 ✗	54 = 42 ✗	102 > 110 ✗
12 = 12 ✓	37 > 36 ✓	50 > 5 ✓

The suspect with the most correct answers is not the culprit.

Clue #3: Detective Report

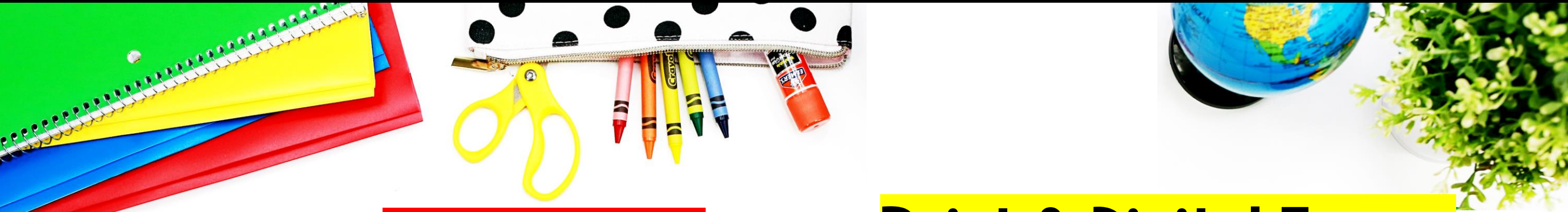
pencils in my desk. I walked over to my friend's desk, and she had $19-2$ pencils in my desk. I only have $10-6$ pencils at my desk, he only had $14-7$ pencils. I gave her $14-4$ more pencils.

Then she found $14-4$ more pencils.

1=A	10=E	19=Z
2=S	11=J	20=Y
3=G	12=N	21=L
4=D	13=U	22=F
5=O	14=X	23=P
6=S	15=0	24=I
7=E	16=B	25=M
8=C	17=R	26=Q
9=H	18=V	

All clues focus on reviewing 2nd grade skills!

MULTIPLE VERSIONS



Print & Digital Forms

Clue #1: Picture Decoder
Find each answer. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

Clue #2: Error Analysis
Check each suspect's work. Decide if each comparison symbol is correct. Put a check or an X next to each answer.

Clue #3: Detective Report
I have 20-5 pencils in my desk. I walked over to my friend's desk, and she had 19-2 pencils in her desk. She told me 9-4 more pencils at home. When I gave him 12-6 pencils, she told me 4-10 more pencils in her desk.

3 Clue Version

Solve each question. Write the answer above each equation. Then, use the decoder to figure out the message.

19=Z	20=Y	21=L	22=F	23=P	24=I	25=M	26=Q
4=D	13=U	14=X	15=O	16=B	17=R	18=V	

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Clue #4: The School Bus
Write the answer to each question in each box.

Clue #5: Picture Reveal
Is each equation true or false? Put a T for true and an F for false.

5 Clue Version

Are there more true or false equations? 5 true and 7 false

There are more true equations. The culprit is not wearing a hat.
There are more false equations. The culprit is not wearing a hat.
There are the same amount of true and false equations. The culprit is wearing a hat.
There is no way to tell if there are more true or false equations. The culprit is a girl.

Clue #1: Picture Decoder
Find each answer. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

72 92 29 27 97 22 99 77 79

Answers: 92 77 22 27 79 97 29 99 72

Letters: N O B O O K

The culprit has...

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

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

Clue #1: Picture Decoder
Find each answer. Then, draw a line to each match. Last, use the decoder at the bottom to solve the clue.

72 92 29 27 97 22 99 77 79

Answers: 92 77 22 27 79 97 29 99 72

Letters: N O B O O K

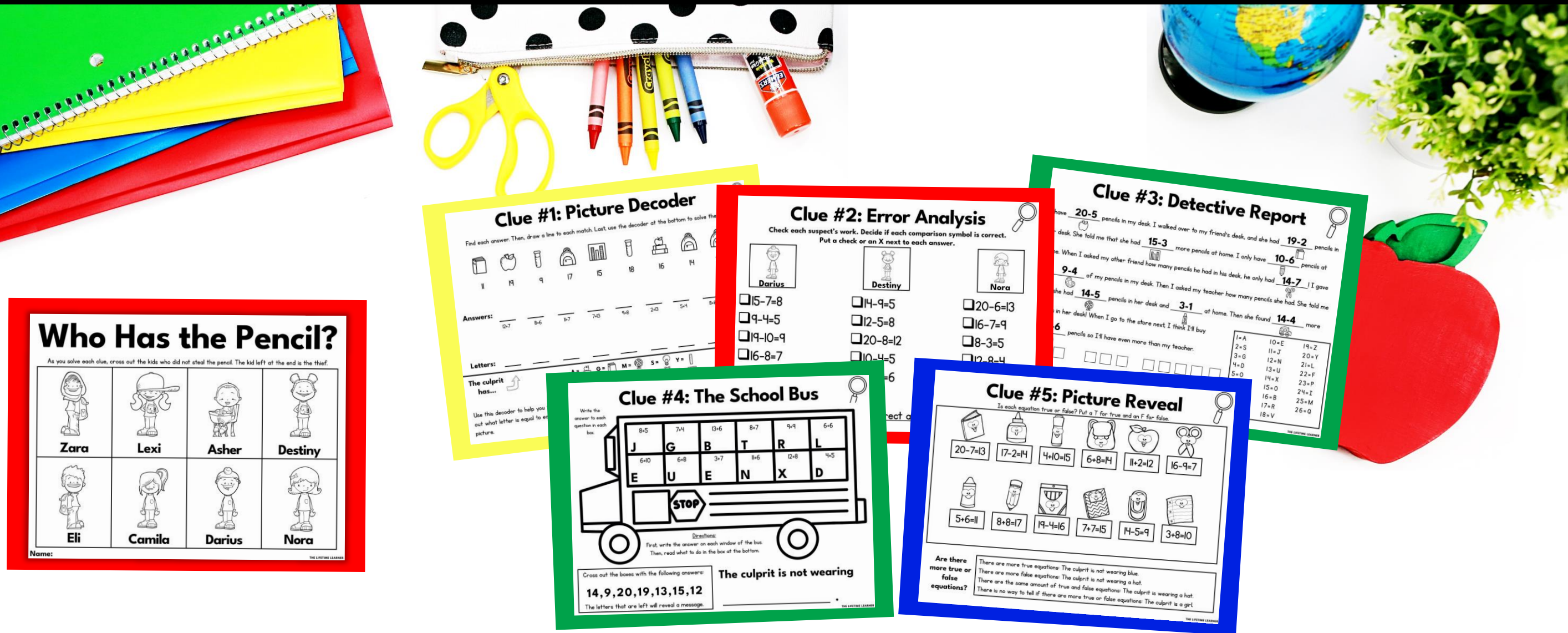
The culprit has...

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C =	I =	O =	U =	
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E =	K =	Q =	W =	
F =	L =	R =	X =	

Short & Long Options

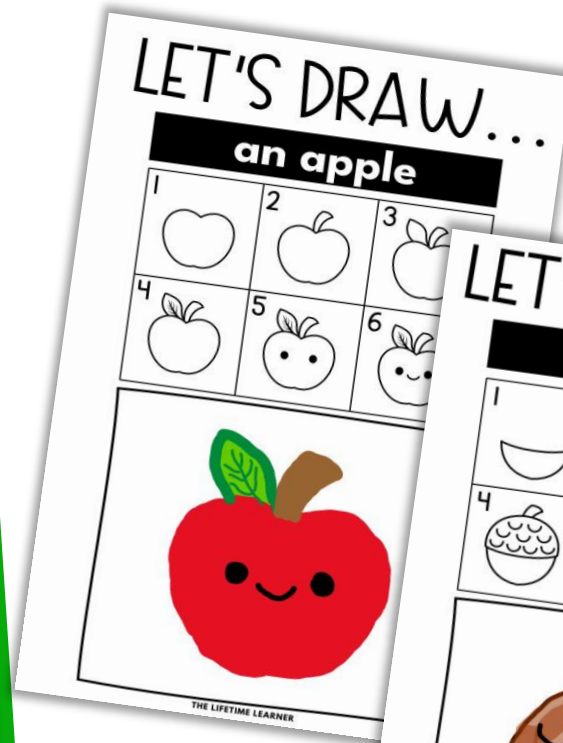
MATH FACT VERSION!



Same clues. Same mystery. Different math!

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

FAST FINISHER ACTIVITY



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 School Bus

Write the answer to each question in each box.

8+5 X 13	7+4 G 11	13+6 X 19	8+7 X 15	9+9 R 18	6+6 X 12
6+10 E 16	6+8 X 14	3+7 E 10	11+6 N 17	12+8 X 20	4+5 X 9

STOP

Directions:
First, write the answer on each window of the bus.
Then, read what to do in the box at the bottom.

Cross out the boxes with the following answers:
14, 9, 20, 19, 13, 15, 12
The letters that are left will reveal a message.

The culprit is not wearing
Green

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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Is each equation true or false? Put a T for true and an F for false.

Are there more true or false equations?
5 true and 7 false

The Detective Agency sends congratulations to:

Lindsay
You solved the mystery!

11/2 Date
AW Presented by:

LET'S DRAW...
an apple

LET'S DRAW...
an acorn

The Suspect List
As you solve each clue, cross out the kids who did not commit the crime. The kid left at the end is the culprit.

Zara: I'm wearing yellow pants.
Lexi: I'm wearing a red shirt.
Asher: I'm wearing a green shirt.
Destiny: I have red shoes.
Eli: I'm wearing blue shoes.
Camila: I'm wearing a green hair tie.
Darius: I have yellow pants.
Nora: I have a blue bow.

solve the mystery

The Case of the Missing Pencil

WHAT MAKES MATH MYSTERIES UNIQUE?



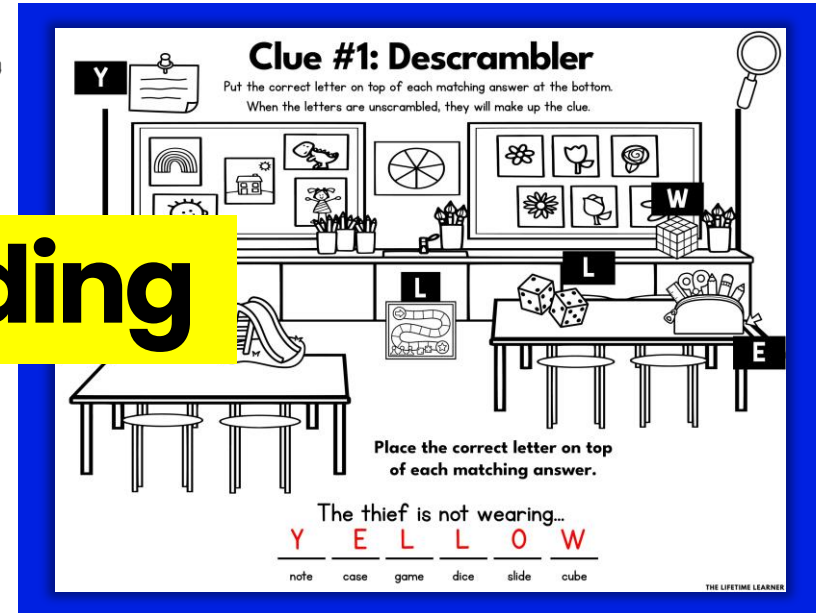
Math Mysteries aren't just a copy of Reading Mysteries!

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!

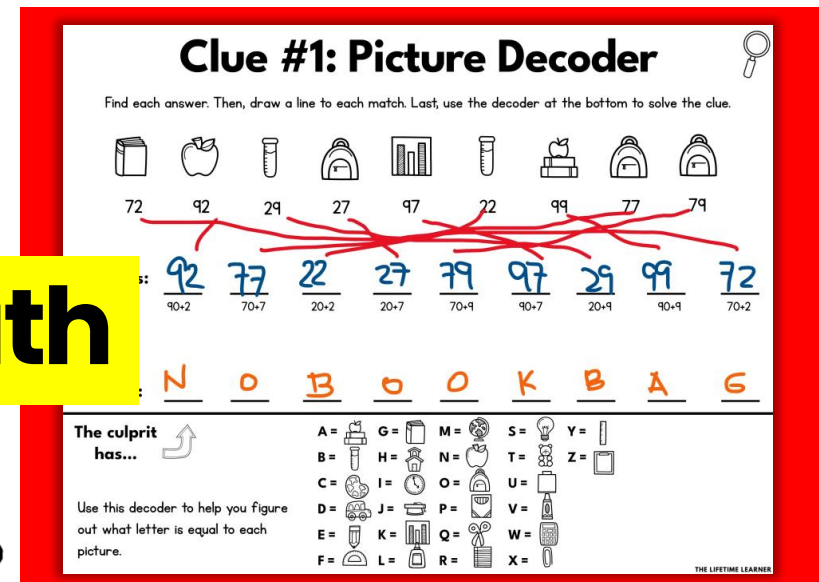
So, if you have both, students can play during math and then again during reading for double the fun.

Reading



Example of Clue 1

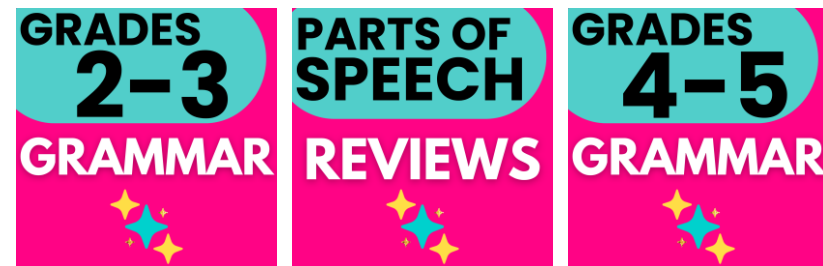
Math



KEEP THE FUN GOING!

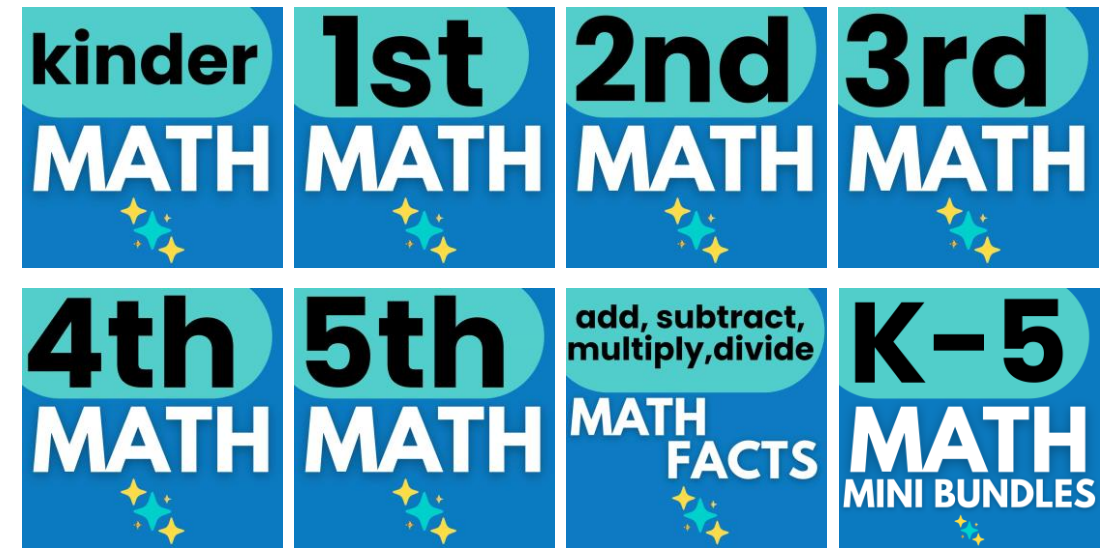
GRAB A READING MYSTERY:

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!

