

CONCEPTS COVERED

CLUE #1

Find the path through the maze by coloring in the boxes of events that describe a lunar eclipse.

Happens when the Moon goes around the Sun.	Happens when the Earth passes between the Moon and the Sun.	Happens when the Moon passes between the Earth and the Sun.	Happens when the Sun passes between Earth and the Moon.
The moon's shadow blocks the sun.	The Earth's shadow blocks the Moon.	Only happens at night.	Occurs during a full moon.
Occurs during the daytime.	Occurs during a new moon.	Doesn't occur as often.	Safe to look at without special glasses
Visible for a short period of time.	Need eyewear to view.	Only visible in a small area.	Occurs more frequently.
The sun disappears completely.	You use a pinhole projector to view.	Animals act differently	The moon can look red/orange.
rap	country	top 40	rock

Clue:
The suspect's favorite music is _____.

CLUE #2

Determine if the description given describes a solar eclipse or a lunar eclipse. Place an x in the appropriate box across from the description. When finished, count the number of X's in each column to determine the answer to the clue.

	Solar	Lunar
This happens when the moon comes between the Earth and the Sun.		
This eclipse is visible from a smaller area on Earth.		
This type of eclipse happens more frequently.		
This eclipse happens during the day.		
This eclipse is only during a full moon.		
This eclipse is safe to look at without special glasses.		
This eclipse typically only last a few minutes.		

Clue:
If there are more lunar answers, the suspect is a night owl.
If there are more solar answers, the suspect is an early riser.

- CHARACTERISTICS OF SOLAR ECLIPSES
- CHARACTERISTICS OF LUNAR ECLIPSES
- COMPARING AND CONTRASTING THE TWO TYPES OF ECLIPSES
- PROBLEM SOLVING SKILLS

GET STUDENTS EXCITED ABOUT LEARNING

WHY USE THIS?

Lots of Benefits

- QUICK AND EASY
- NO PREP
- INTERACTIVE AND ENGAGING
- GREAT REVIEW/REINFORCEMENT ACTIVITY

CLUE #3

Sort each description into the appropriate box. Whichever box has the most descriptions in it will reveal the suspect's favorite subject in school.

- The moon can appear red
- Can be partial or total
- The sky becomes dark
- Occurs during a full moon
- The sun is blocked by the moon's shadow
- Safe to view without solar glasses
- Affected by gravitational pull.
- Occurs more frequently
- The alignment of the Sun, Earth, and Moon

LUNAR ECLIPSE

- Safe to view without solar glasses
- The moon can appear red
- Occurs during a full moon
- Occurs more frequently

SOLAR ECLIPSE

- The sky becomes dark
- The sun is blocked by the moon's shadow

BOTH LUNAR & SOLAR ECLIPSES

- The alignment of the Sun, Earth & moon
- Affected by gravitational pull
- Can be partial or total

Clue:
The suspect's favorite subject is math.

CLUE #4

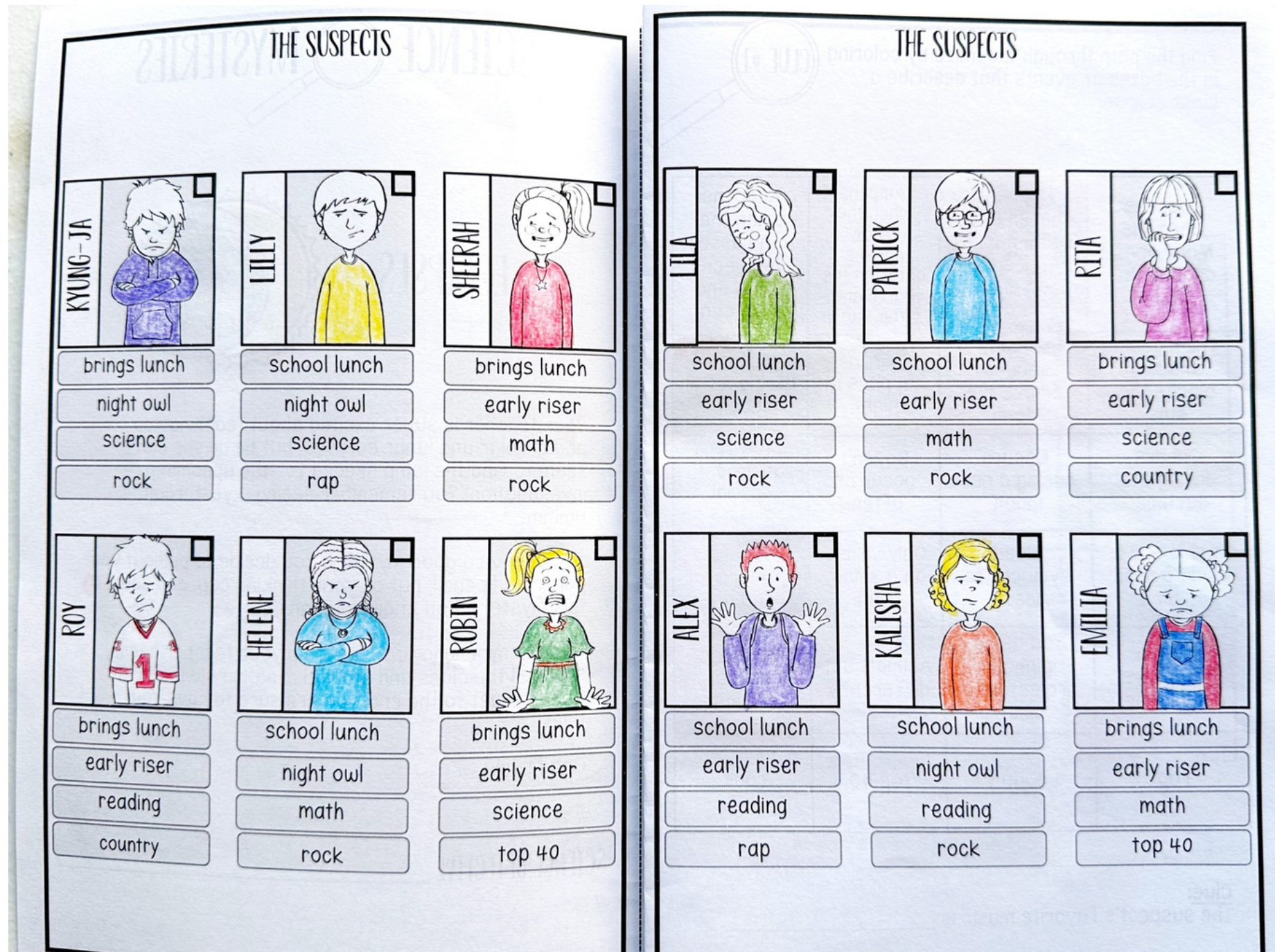
Read each statement below regarding solar eclipses and determine if it is true or false. Then place an x in the correct column. Then determine the answer to the clue using the number of X's placed.

	T	F
The sky gets dark during a total solar eclipse.	X	
You can look directly at a solar eclipse without special glasses.		X
Solar eclipses happen when the Earth comes between the Moon and the Sun.		X
Solar eclipses can only happen during a full moon.		X
Solar eclipses only happen during the summer.		X
Animals can act differently during a solar eclipse.	X	
In a solar eclipse the Earth, Moon, and Sun are arranged in a straight line.	X	
A solar eclipse is visible for a shorter period of time.	X	
During a solar eclipse, the moon's shadow blocks the Sun or a portion of it.	X	

Clue:
If there are more true answers, the suspect loves brings a lunch.
If there are more false answers, the suspect buys school lunch.

GET HIGH-QUALITY,
ENGAGING RESOURCES

WHAT'S INCLUDED?



- SHEETS TO CREATE THE BOOKLET

- SUSPECT LIST

- ANSWER KEYS

- REVIEW CONCEPTS

- DIRECTIONS

**TAKE YOUR WEEKENDS BACK
TO DO WHAT YOU LOVE**

PERFECT FOR:

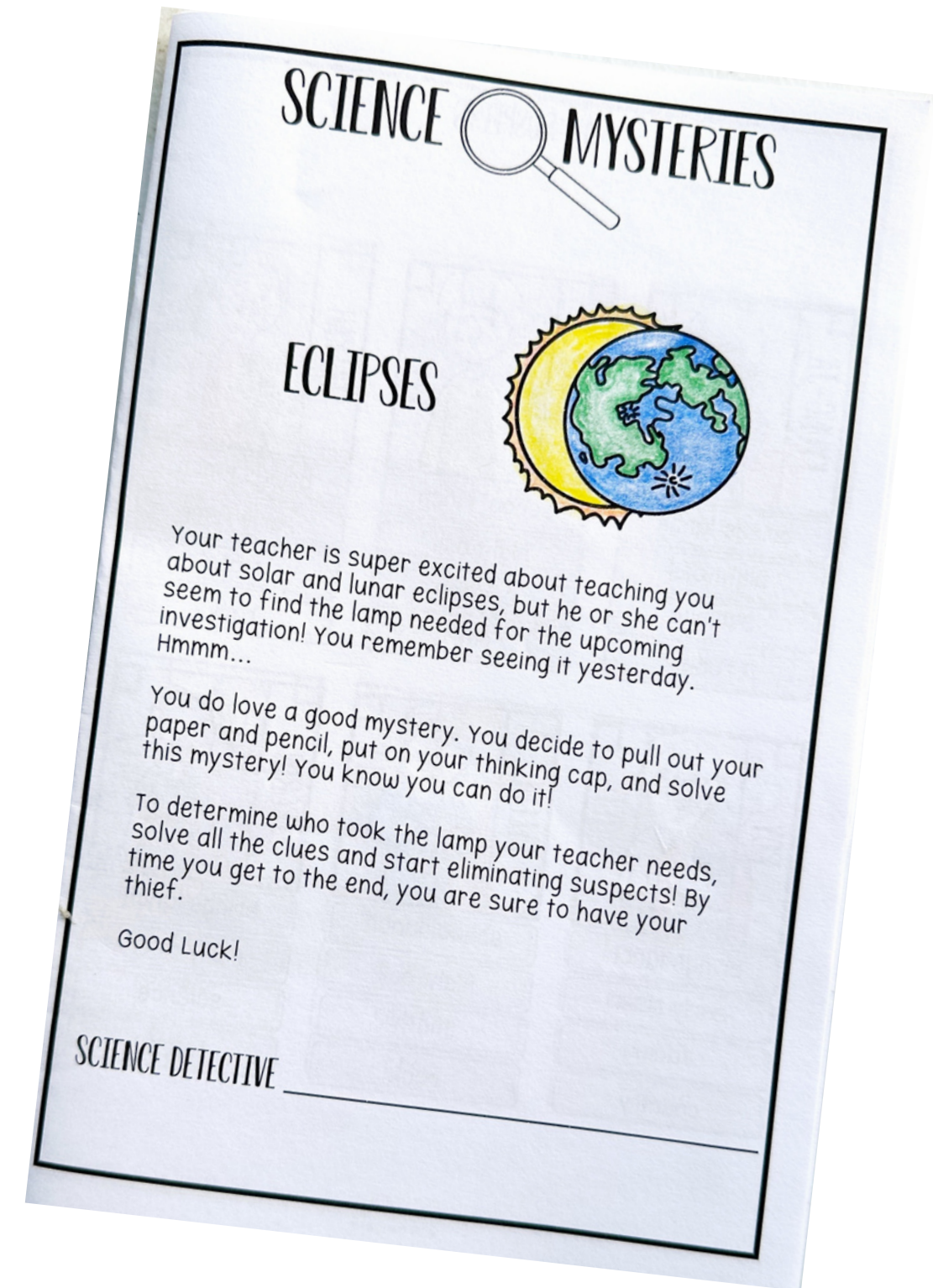
- CENTERS
- SUPPLEMENTING YOUR CURRENT LESSONS
- WARM UP ACTIVITIES
- SMALL GROUPS
- TEACHER DEMONSTRATIONS
- SUBSTITUTES
- REVIEW & PRACTICE

- WHOLE GROUP ACTIVITIES
- PARTNER WORK
- COOPERATIVE LEARNING
- INDIVIDUAL LEARNING
- HOMEWORK
- ENRICHMENT
- EARLY FINISHERS
- AND SO MUCH MORE!

**WITHOUT HAVING TO
SACRIFICE YOUR LESSON PLANS**

HOW IT WORKS

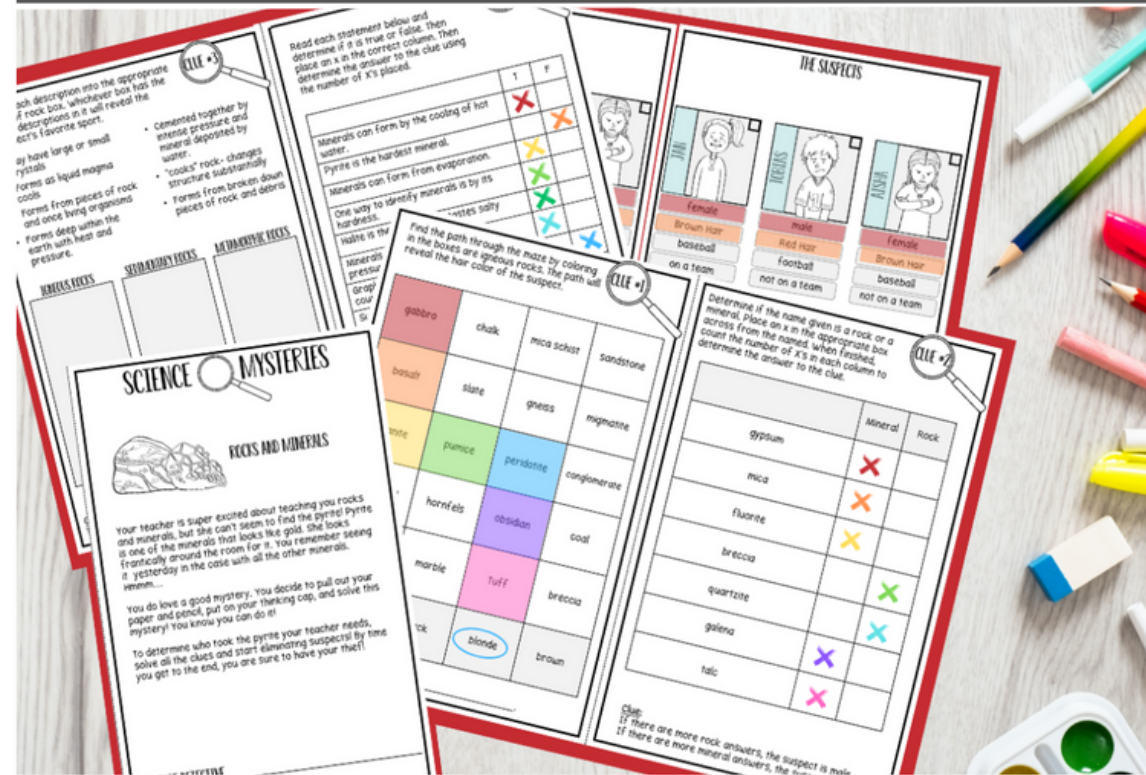
STUDENTS CANNOT SOLVE THE MYSTERY WITHOUT SOLVING THE CLUES RELATED TO SOLAR AND LUNAR ECLIPSES. THIS IS A FUN AND INTERACTIVE WAY TO REVIEW THESE IMPORTANT CONCEPTS.



SAVE TIME PLANNING
WITH DETAILED ACTIVITIES

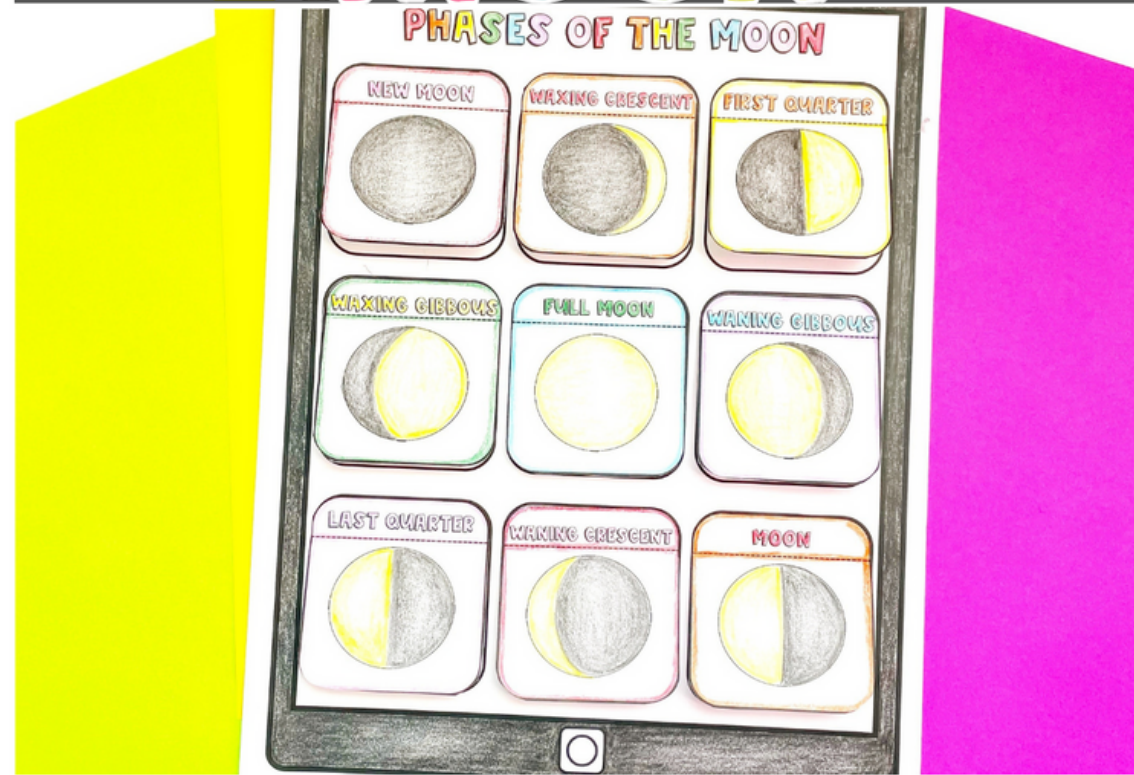
EXPLORE THESE RELATED ITEMS

ROCKS & MINERALS MYSTERY



SCIENCE MYSTERY ACTIVITY

PHASES OF THE MOON



IPAD CRAFTIVITY

THE MOON



10 VOCABULARY GAMES

CLICK ON THE IMAGE TO CHECK THEM OUT!



Take **BACK YOUR WEEKENDS** without
SACRIFICING
high-quality
RESOURCES!

**CLICK ADD TO YOUR CART
TO TAKE THOSE
WEEKENDS BACK!**

