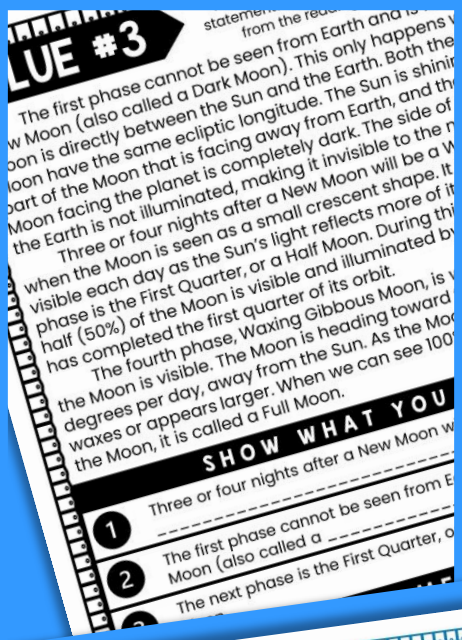
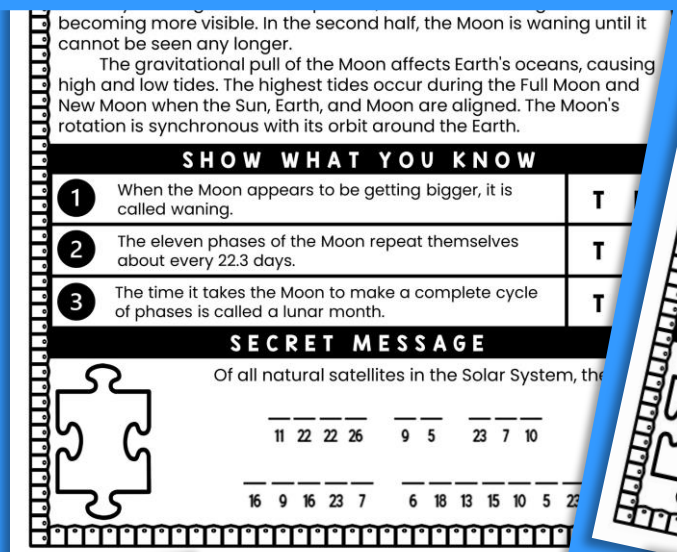
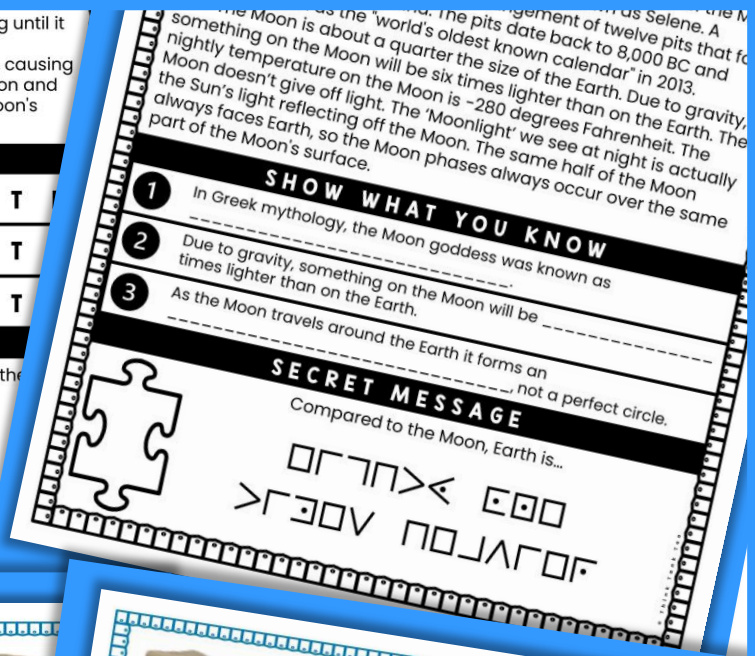
MOON PHASES

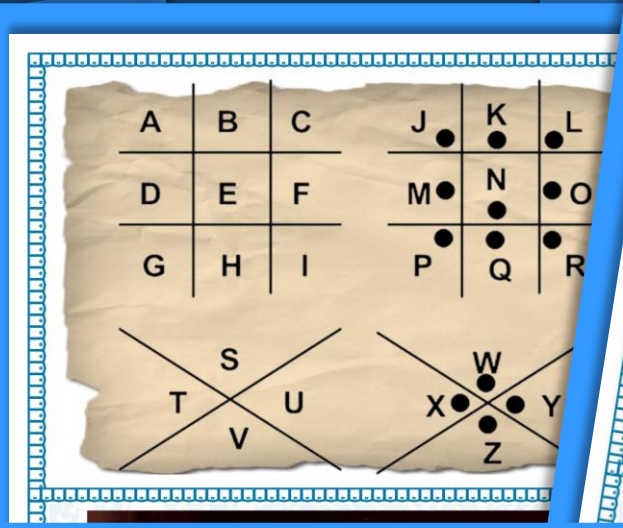
ESCAPE ROOM

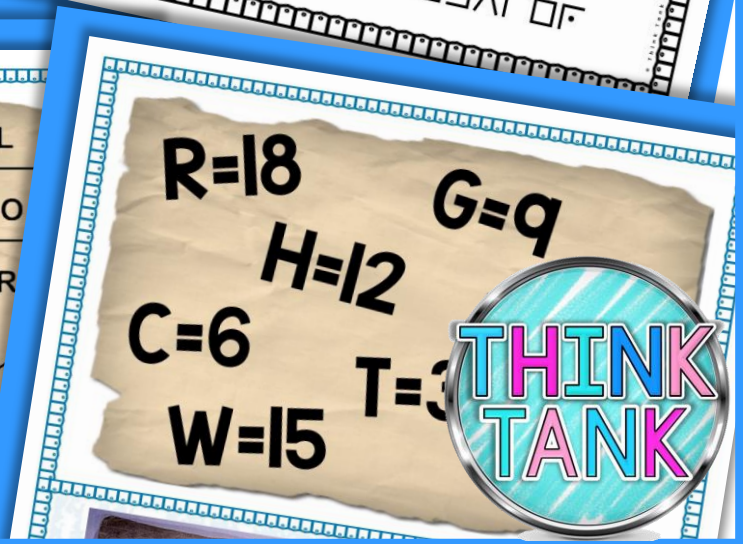








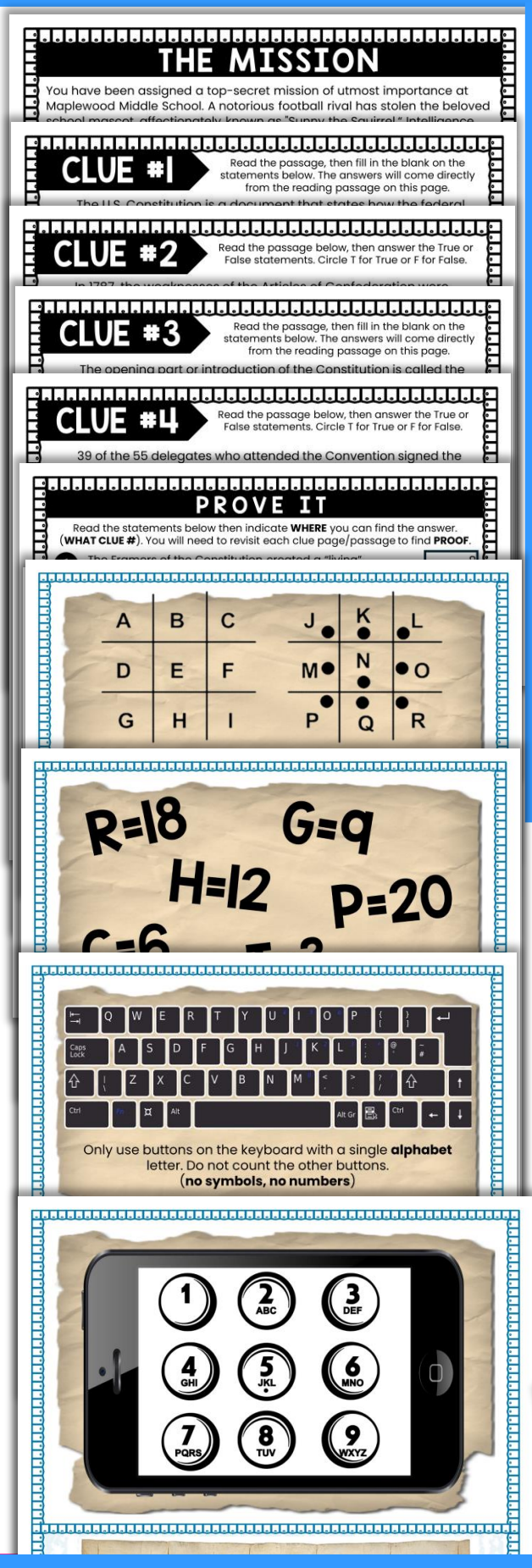


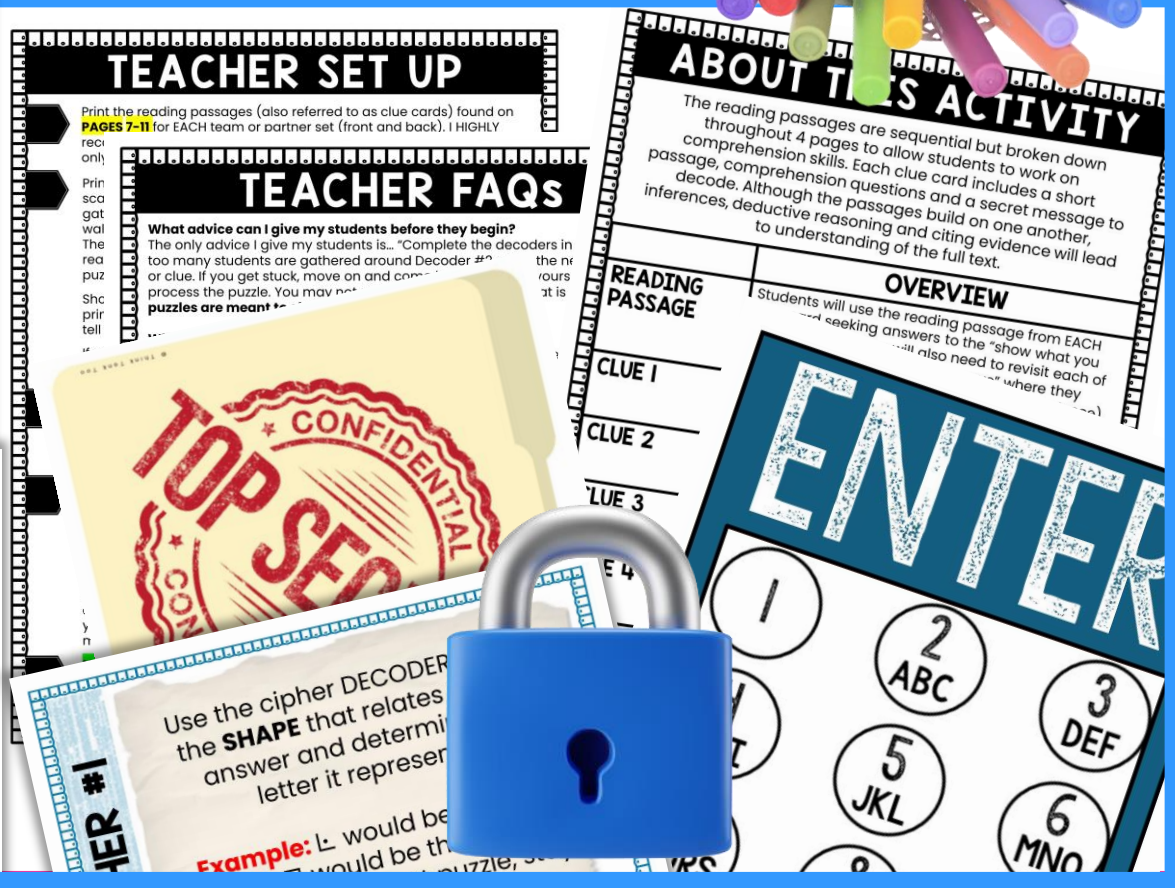


WHAT'S INCLUDED?

- 4 SHORT READING PASSAGES
- 4 PUZZLE DECODERS (UNLABELED)
- 4 PUZZLE DECODERS (LABELED)
- 18 COMPREHENSION QUESTIONS
- TEACHER SET UP
- STUDENT DIRECTIONS
- HINT CARDS
- FAQS
- ANSWER KEY
- PROP SIGNS







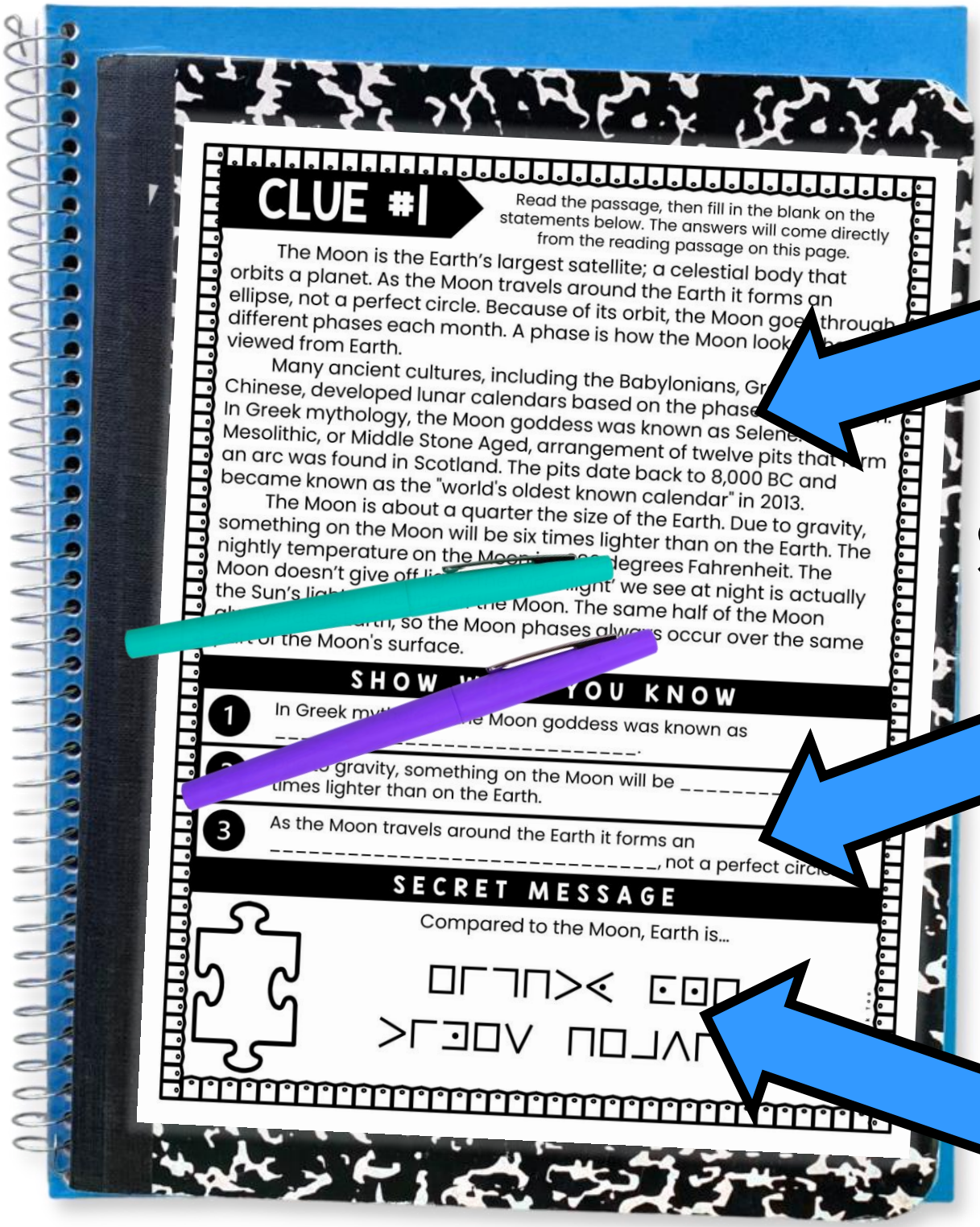
4 CLUE CARDS


CLUE #2
Read the passage below, then
False statements. Circle T for True
As the Moon orbits the Earth, the phases of the Moon change. The
part of the Moon facing the Sun will reflect its light and become visible.
If there was no Sun, then we would not be able to see the Moon. Known
as albedo, the Moon only reflects seven percent of sunlight. When the
Moon appears to be getting
as though it is getting
The time it takes th
called a lunar month.
next New Moon. A lun
calendar month
The eight p
29.5 days. Duri
becoming ma
cannot be se
The gra
high and lo
New Moon
rotation is
When the
called waning.
The eleven phases of the M
about every 22.3 days.
The time it takes the Moon to make a complete cycle
of phases is called a lunar month.
SECRET MESSAGE
Of all natural satellites in the Solar System,
11 22 22 26 9 5 23 7 10
16 9 16 23 7 6 18 13 15 10 5 23
CLUE #1
Read the passage, then
statements below. The answers
from the reading passage on this
The Moon is the Earth's largest satellite; a celestial body that
orbits a planet. As the Moon travels around the Earth it forms an
ellipse, not a perfect circle. Because of its orbit, the Moon goes through
different phases each month. A phase is how the Moon looks when
viewed from Earth.
Many ancient cultures, including the Babylonians, Greeks, and
Chinese, developed lunar calendars
In Greek mythology, the Moon
Mesolithic, or Middle Stone Ag
an arc was found in Scotland
became known as the "wor
The Moon is abou
something on the Mo
nightly temperature
Moon doesn't give
the Sun's light refle
always faces Earth
part of the Moon
In Greek
Due to gravity,
times lighter than on
As the Moon travels around the Ear
not a perfect circle.
SECRET MESSAGE
Compared to the Moon, Earth is...
CLUE #3
SHOW WHAT YOU KNOW
Three or four nights after a New Moon will be a
Crescent.
The first phase cannot be seen from Earth and is known as the New
Moon).
The next phase is the First Quarter, or a
Moon.
SECRET MESSAGE
Per year, the distance between the Moon and Earth increases...
3-5 1-6 2-1 3-5 1-9 1-7 1-5
1-9 3-6 1-3
SHOW WHAT YOU KNOW
Following the Full Moon is the Waning Gibbous Moon.
Finally, the Waning Crescent is the last phase.
A Full Moon looks very bright in the night sky and
happens about every 10 days.
SECRET MESSAGE
Applying personal names to the lunar formations
7777 444 99 8 33 33 66
333 666 777 8 999
333 444 888 33

4 DECODERS


D E P
G H I
W Y
X Z
S
T U V
M=11
H=7
L=6
Sunday Monday Tuesday Wednesday Thursday Friday Saturday
new
new
Only use buttons on the keyboard with a single **alphabet** letter. Do not count the other buttons.
(**no symbols, no numbers**)
3-5 = B
4 GHI
5 JKL
6 MNO
7 PQRS
8 TUV
9 WXYZ

READ & THINK



READ THE PASSAGE

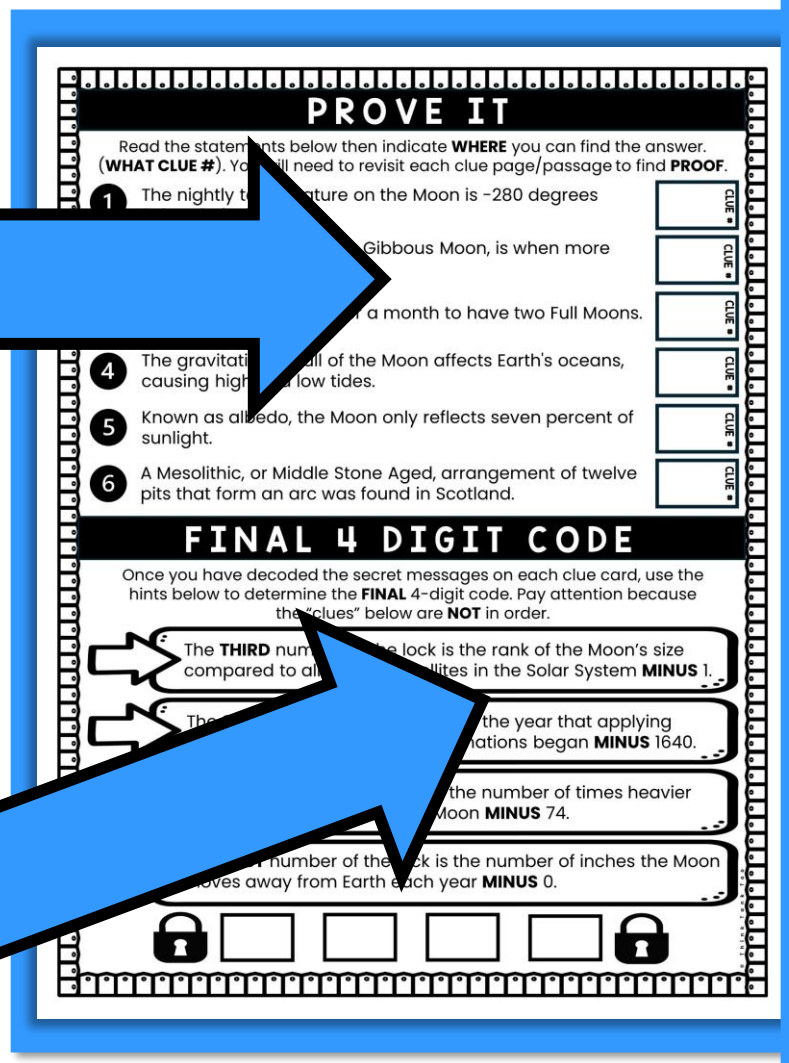
SHOW WHAT YOU KNOW

DECODE THE MESSAGE

FINAL CODE

CITING TEXT EVIDENCE

Students will read the final code statements then PROVE WHERE they found the answer (CLUE #). This will ensure that students read and revisit the reading passages multiple times seeking text evidence.



CRITICAL THINKING

Students will use critical thinking skills to decode the secret messages. They will then use the information revealed in the message to determine the final 4-digit code.



HOW IT WORKS







ENGAGING READING COMPREHENSION PRACTICE!

1. There are 4 clue cards and 4 puzzle decoders. Each clue card includes a short reading passage, questions to check for understanding, and a secret message to decode.

2. Students will work in pairs (or individually) and race to complete all 4 clue cards. A friendly competition always increases engagement. As students progress through the escape room, they will earn "clues" to determine the final 4-digit code. The final code is also a puzzle!



PRINT & GO



ABOUT THIS ACTIVITY

The reading passages are sequential but broken down throughout 4 pages to allow students to work on comprehension skills. Each clue card includes a short passage, comprehension questions and a secret message to decode. Although the passages build on one another, inferences, deductive reasoning and citing evidence will lead to understanding of the full text.

	OVERVIEW
READING PASSAGE	Students will use the reading passage from EACH clue card seeking answers to the "show what you know" portion. They will also need to revisit each of the 4 clue card passages to "prove" where they found the answer for the final code (text evidence)
CLUE 1	Students will read the passage, answer 3 fill in the blank questions, and reveal a secret message using a puzzle decoder.
CLUE 2	Students will read the passage, answer 3 True False questions, and reveal a secret message using a puzzle decoder.
CLUE 3	Students will read the passage, answer 3 fill in the blank questions, and reveal a secret message using a puzzle decoder.
CLUE 4	Students will read the passage, answer 3 True or False questions, and reveal a secret message using a puzzle decoder.
FINAL CODE	As students progress through the escape room, they will decode "clues" to determine the final 4-digit code. The final code is also a puzzle! In order to "escape" students must present correct answers for EVERY question as well as the decoded secret messages and final 4-digit code.

© Think Tank Too

BENEFITS

- ✅ PRINT & GO
- ✅ CLOSE READING
- ✅ COMPREHENSION SKILLS
- ✅ SECRET CODES
- ✅ CITING EVIDENCE
- ✅ CRITICAL THINKING
- ✅ MOVEMENT
- ✅ ACTIVE LEARNING
- ✅ CROSS-CURRICULAR
- ✅ HIGHLY ENGAGING
- ✅ NO LOCKS NEEDED
- ✅ NO ENVELOPES TO STUFF
- ✅ NO ODD SHAPES TO CUT

Everything a teacher dreams of wrapped up into one FUN and engaging activity!



USE FOR



ANTICIPATORY SETS

UNIT REVIEW

EARLY FINISHERS

STATIONS

REWARD ACTIVITY

SUB PLANS

COLLABORATION

ENRICHMENT

GALLERY WALK