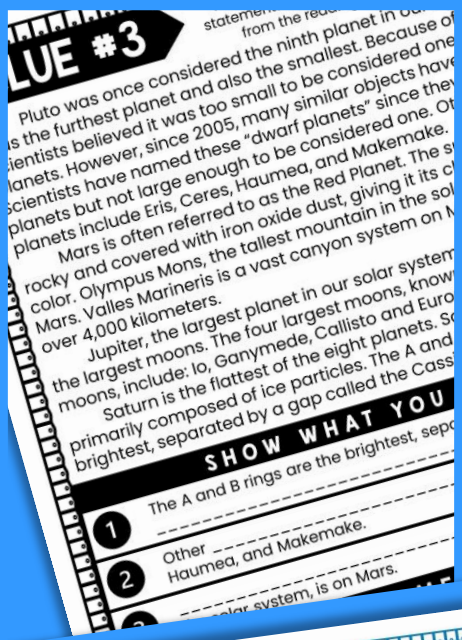
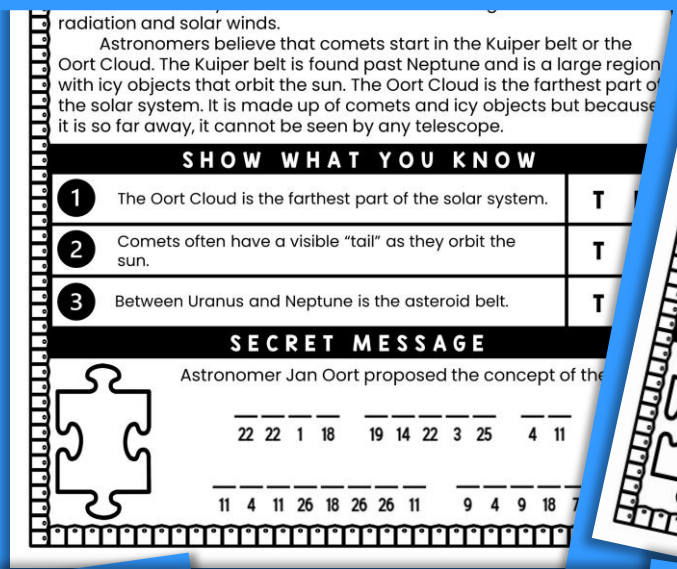
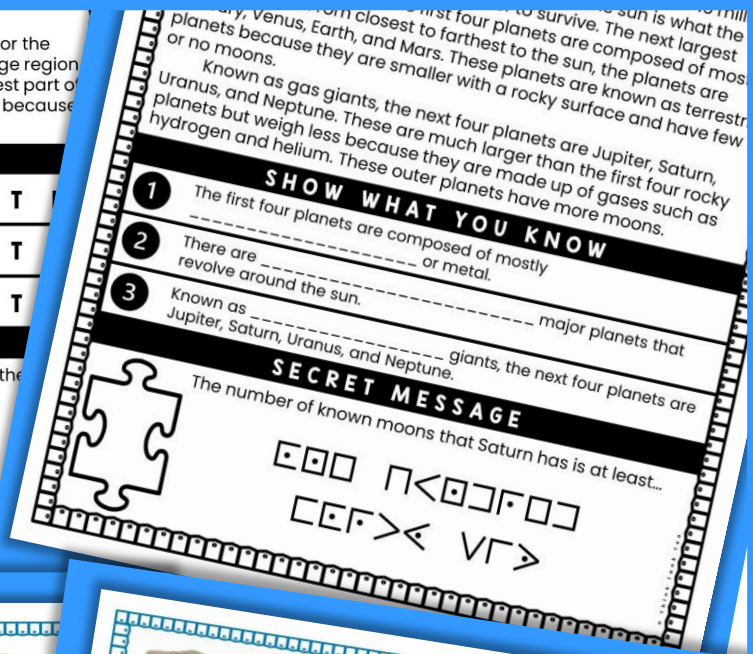
SOLAR SYSTEM

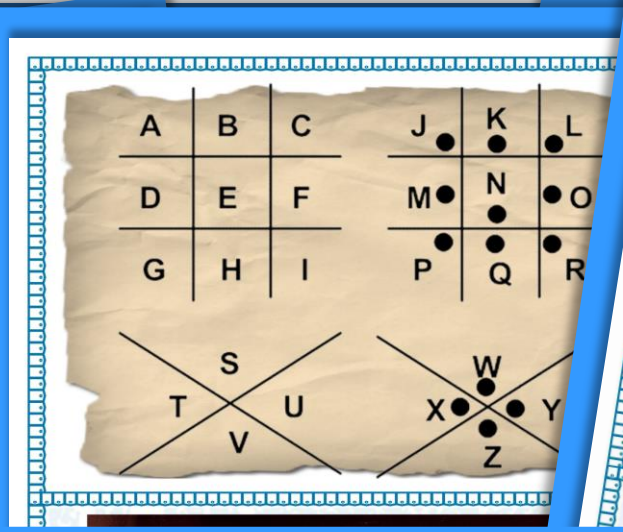
ESCAPE ROOM

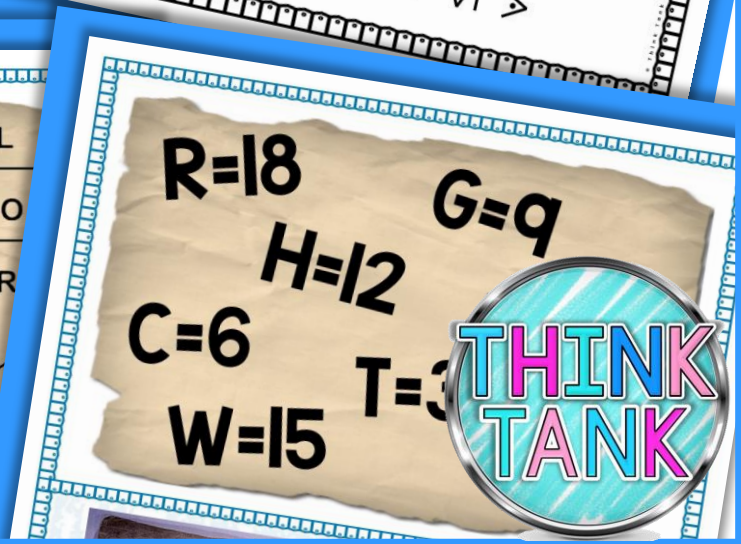








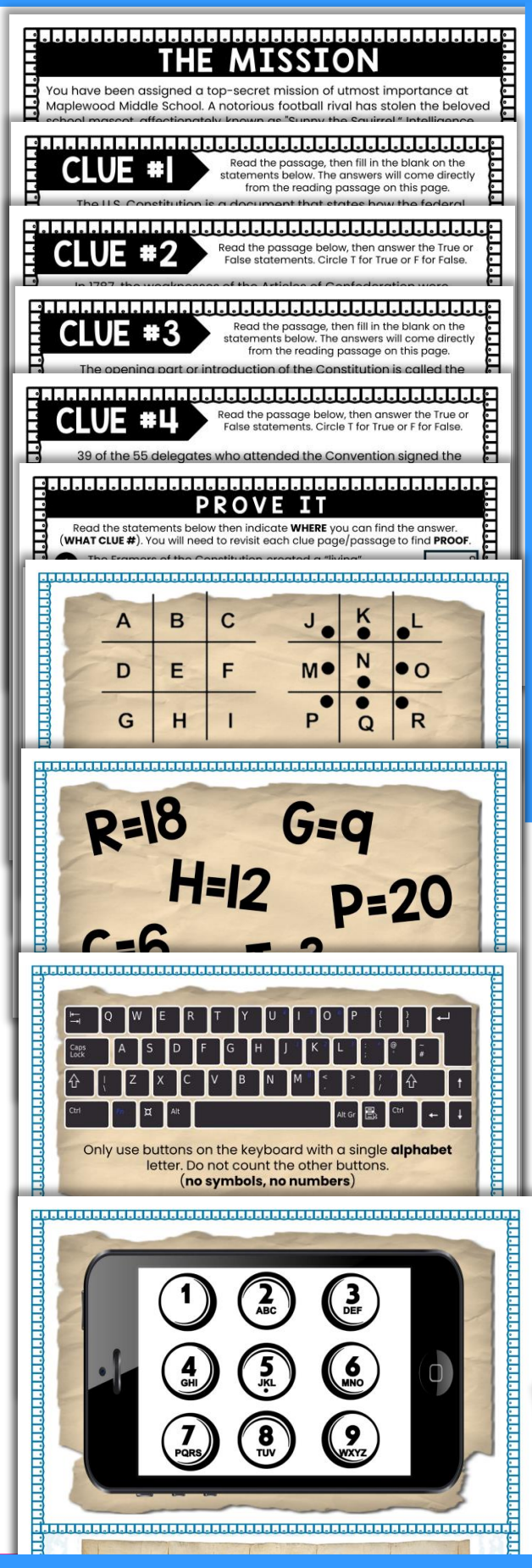


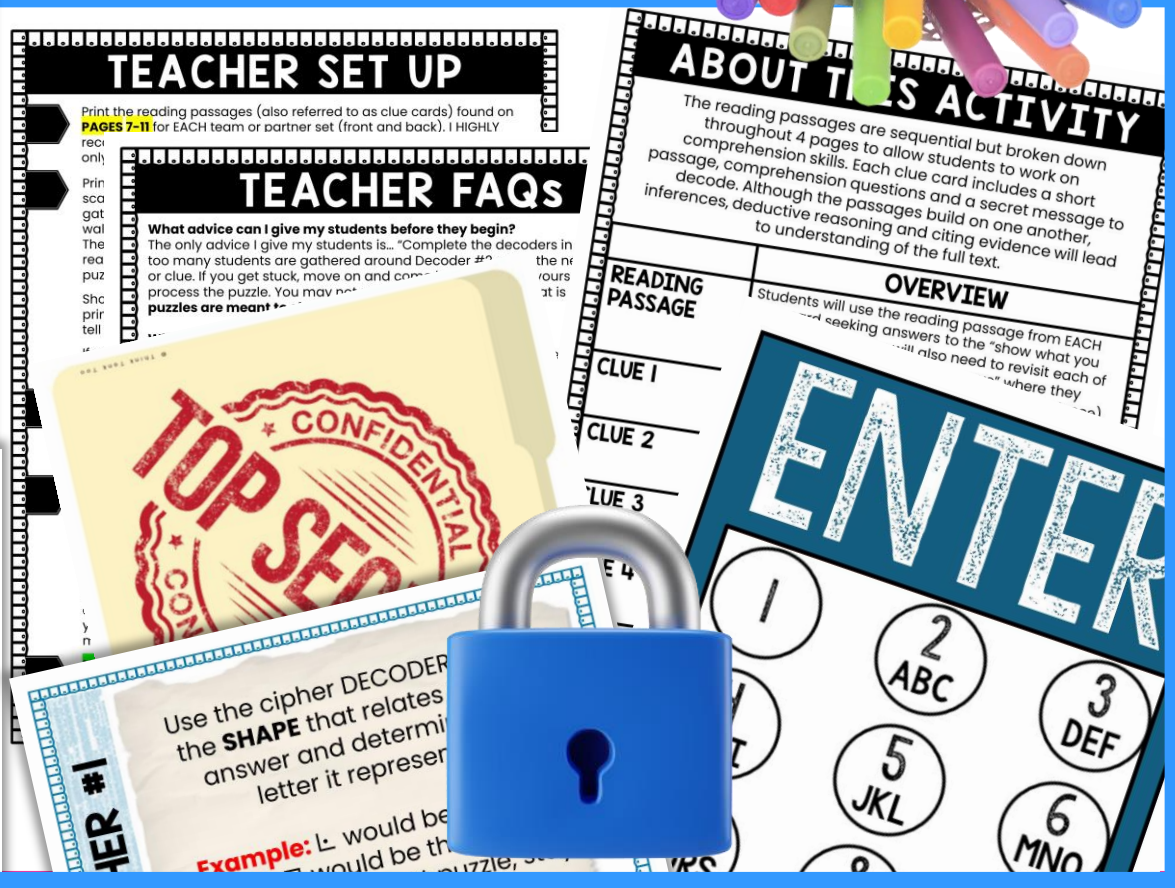


WHAT'S INCLUDED?

- 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







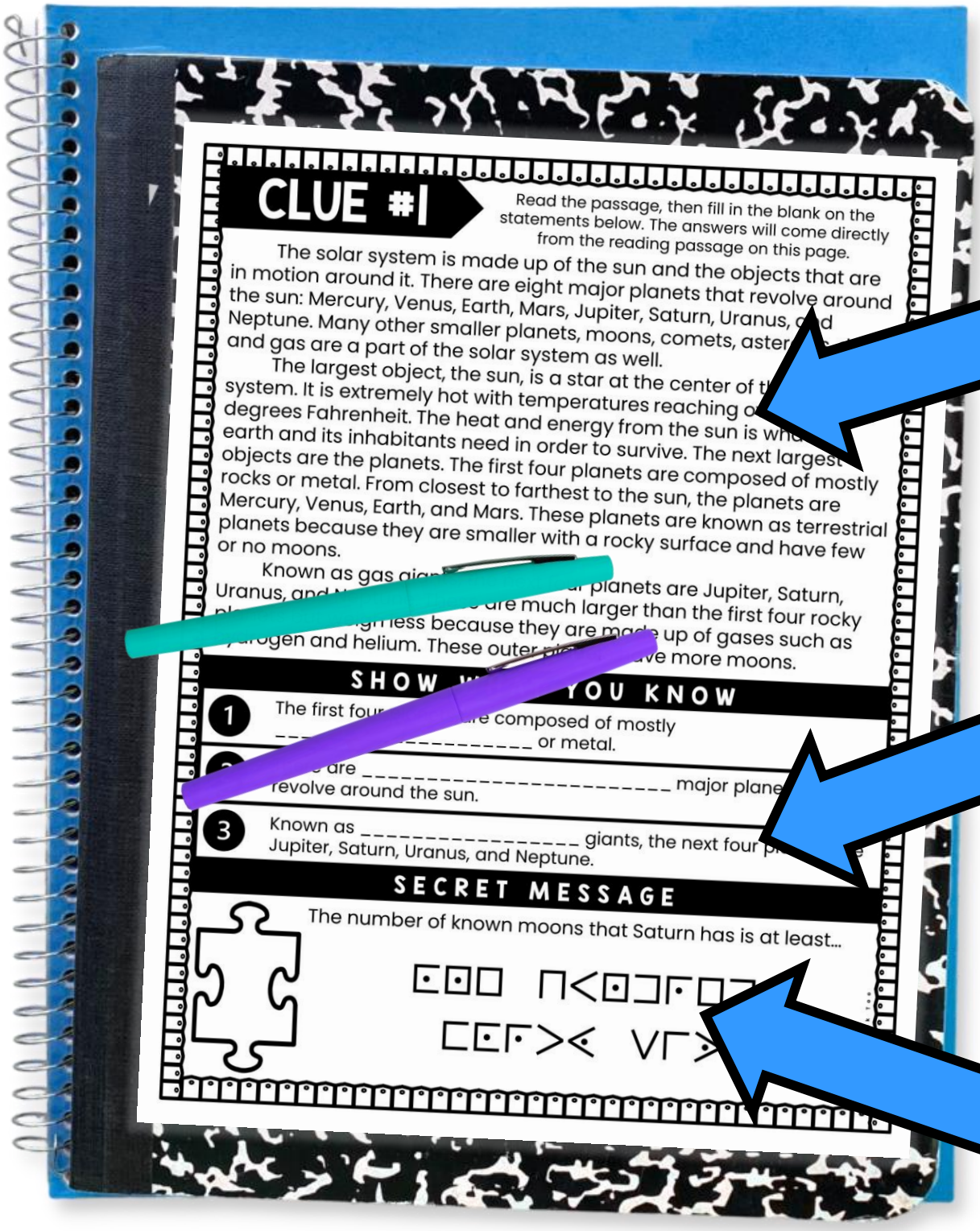
4 CLUE CARDS


CLUE #1
The solar system is made up of the sun and the objects that are in motion around it. There are eight major planets that revolve around the sun: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune. Many other smaller planets, moons, comets, asteroids, dust, and gas are a part of the solar system as well.
The largest object, the sun, is a star at the center of the solar system. It is extremely hot with temperatures reaching over 15 million degrees Fahrenheit. The heat and light from the sun is what the earth and its inhabitants need to survive. The next largest objects are the planets. The first four planets are composed of mostly rocks or metal. From closest to the sun is what the Mercury, Venus, Earth, and Mars are known as terrestrial planets because they
or no moons.
Known as gas
Uranus, and Neptu
planets but weigh
hydrogen and he
SHOW WHAT YOU KNOW
1 The first
2 There are
revolve around the sun.
3 Known as
Jupiter, Saturn, Uranus, and Neptune.
SECRET MESSAGE
The number of known moons that Saturn has is at least...
CLUE #2
Between Mars and Jupiter is the asteroid belt. This region is made up of millions of rocky objects including comets and asteroids.
Comets are balls of ice and rock, while asteroids (or planetoids) are made of metal and rocks. These objects came about with the formation of the solar system four and a half billion years ago.
SECRET MESSAGE
Astronomer Jan Oort proposed the concept of
22 22 1 18 19 14 22 3 25 4 11
11 4 11 26 18 26 26 11 9 4 9 18 7
CLUE #3
SHOW WHAT YOU KNOW
1 The A and B rings are the brightest, separated by a gap called the _____ Division.
2 Other _____ planets include Eris, Ceres, Haumea, and Makemake.
3 _____ Mons, the tallest mountain in the solar system, is on Mars.
SECRET MESSAGE
Jupiter is primarily composed of...
3-6 1-8 3-6 1-3 1-5 1-6
SHOW WHAT YOU KNOW
Uranus is the coldest planet in the solar system. T
Mercury is often referred to as Earth's "sister planet." T
Venus is the third planet from the sun and the only known place in the universe that harbors life.
SECRET MESSAGE
Neptune's rings were first confirmed by the Voy
66 444 66 33 8 33 33 6
33 444 4 44 8 999
66 444 66 33

4 DECODERS


D E P
G H I
W Y
X Z
S U
T V
FIRST X-RAY IMAGE OF A COMET
Comet Hyakutake • C/1996 B2
ROSAT HRI
March 27, 1996
Sun
nucleus
comet motion
10 arcmin
55 000 km
C. Lisse, M. Mumma, NASA GSFC
K. Dennerl, J. Schmitt, J. Englhauser, MPE
F=9
U=3
C=19
MARS
Only use buttons on the keyboard with a single alphabet letter. Do not count the other buttons.
(no symbols, no numbers)
3-5 = B
6 MNO
5 JKL
4 GHI
9 WXYZ
8 TUV
7 PQRS
The four largest asteroids
Hygiea

READ & THINK



READ THE PASSAGE

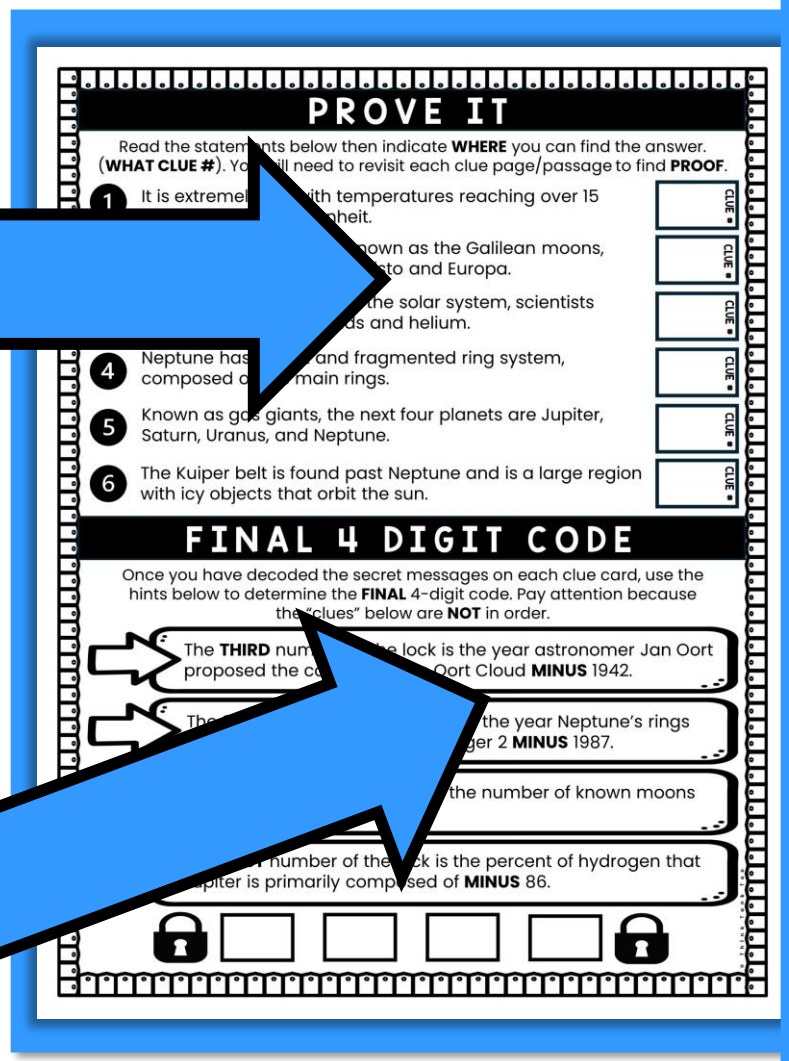
SHOW WHAT YOU KNOW

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