

# PLANET MERCURY

## ESCAPE ROOM

**PLANET MERCURY**  
...st of the eight planets in the solar system. Like all objects in  
...ves around the sun. It is gray in color and has no known moo  
...anets (Mercury, Venus, Earth, Mars) are known as the inner  
...rial planets.  
...cord of Mercury is 4th century BCE by Assyrian astronomer  
...at the Sumerians and Babylonians from around 3000 BC kne  
...lileo was the first to see Mercury through a telescope in  
...e the earliest human civilizations knew about Mercury bec  
...y on a dark night. The planet was named after the Roman  
...e god of travel and thievery.  
...closest planet to the sun, roughly 35 million miles away. Al  
...the hottest. Temperatures on the planet can reach up to

**LEVEL 1 DECODER**

A	B	C	J	K	L
D	E	F	M	N	O
G	H	I	P	Q	R
<del>T</del>	<del>S</del>	<del>U</del>	<del>X</del>	<del>W</del>	<del>Y</del>
			Z		

L=2	J=q	F=1
R=0	W=4	A=6
T=8	G=3	Z=5
Q=7	D=q	P=0
H=1	Y=8	B=3
N=4	C=6	K=1

**LEVEL 2 DECODER**

2	ABC	3	DEF
5	JKL	6	MNO
8	TUV	9	WXYZ

**LEVEL 1: QUESTION 2**  
One day on Mercury takes --- Earth days.

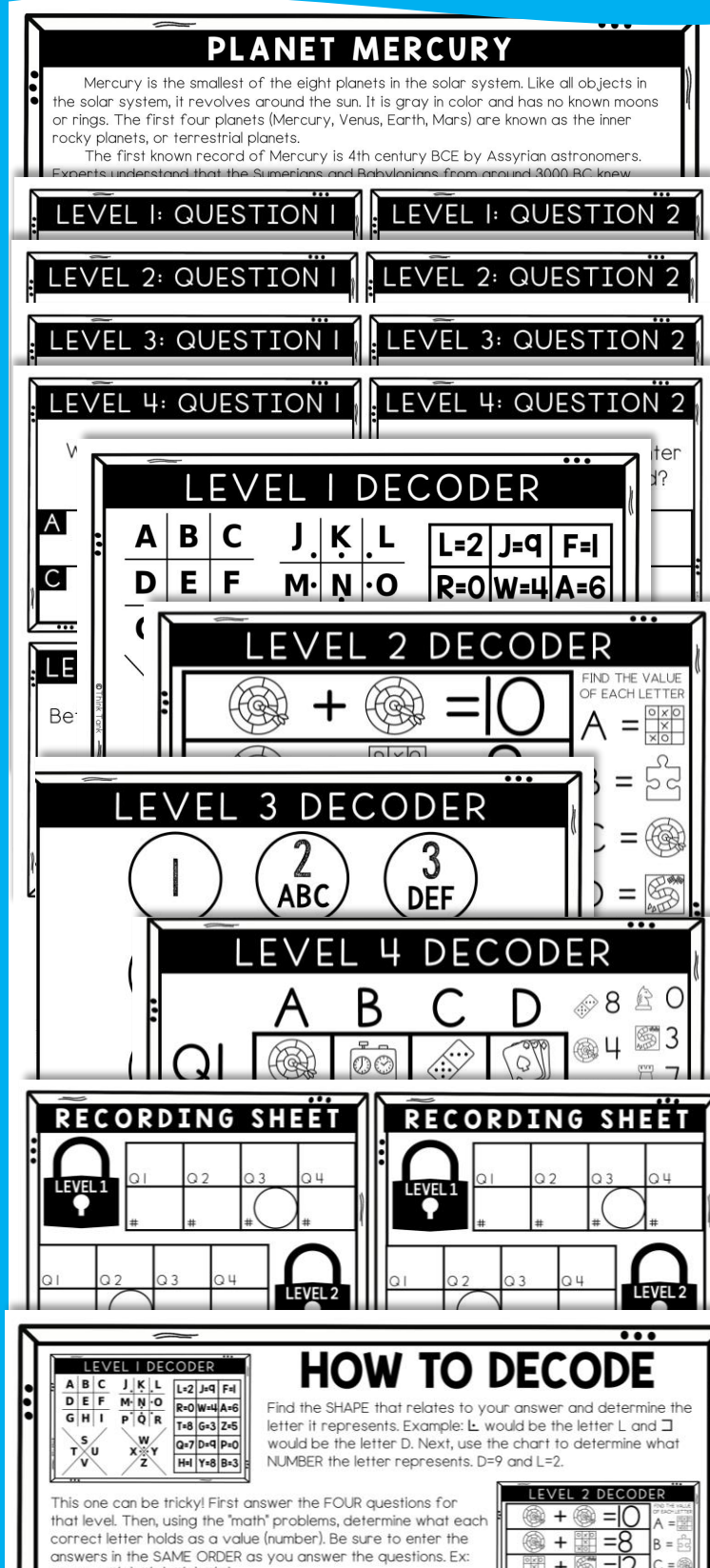
75	30
99	59

**RECORDING SHEET**

LEVEL 1	Q1	Q2	Q3	
#	#	#	#	
LEVEL 2	Q1	Q2	Q3	Q4
#	#	#	#	#

**THINK TANK**

# WHAT'S INCLUDED?



- ✓ READING PASSAGE
- ✓ 4 PUZZLE DECODERS
- ✓ 16 MULTIPLE CHOICE Q'S
- ✓ TEACHER GUIDE
- ✓ ANSWER KEY
- ✓ STUDENT DIRECTIONS
- ✓ HINT CARDS



# 16 QUESTIONS

**PLANET MERCURY**  
of the eight planets in the solar system is the closest to the sun. It is gray in color and has no atmosphere (Mercury, Venus, Earth, Mars) are the terrestrial planets.

**LEVEL 1: QUESTION 1**  
The first known record of Mercury is by \_\_\_ astronomers.

Babylonian	Mesopotamian
Assyrian	Terrestrial

**LEVEL 1: QUESTION 2**  
One day on Mercury takes \_\_\_ Earth days.

75  
99

**LEVEL 2: QUESTION 1**  
Who was the first to see Mercury through a telescope?

Kepler	Mendeleev
Newton	Galileo

**LEVEL 1: QUESTION 3**  
Mercury is the \_\_\_ of the planets.

**RECORDING SHEET**

LEVEL 1	Q1	Q2	Q3	Q4
#	#	#	#	#

**LEVEL 1 DECODER**

B	C	J	K	L
E	F	M	N	O
H	I	P	Q	R
U		X	W	Y
		Z		

L=2 J=q  
R=0 W=4  
T=8 G=3  
Q=7 D=q  
H=I Y=8  
N=4 C=6 K

**LEVEL 4: QUESTION 1**  
The first four planets are Mercury, \_\_\_\_, Earth and Mars.

Uranus	Saturn
Neptune	Venus

**LEVEL 4: QUESTION 2**  
The first planet discovered by telescope is \_\_.

A	B
C	D

**RECORDING SHEET**

LEVEL 1	Q1	Q2	Q3	Q4
#	#	#	#	#

**LEVEL 3 DECODER**

1	2	3					
4	5	6					
7	8	9					
ABC	DEF	GHI	JKL	MNO	PQRS	TUV	WXYZ

**LEVEL 3: QUESTION 1**  
What was the name of the first spacecraft to reach Mercury?

Expedition	Mariner 10
Explorer II	Discover IV

**LEVEL 3: QUESTION 2**  
What year did the Messenger spacecraft crash into Mercury?

2005	2015
2010	2020

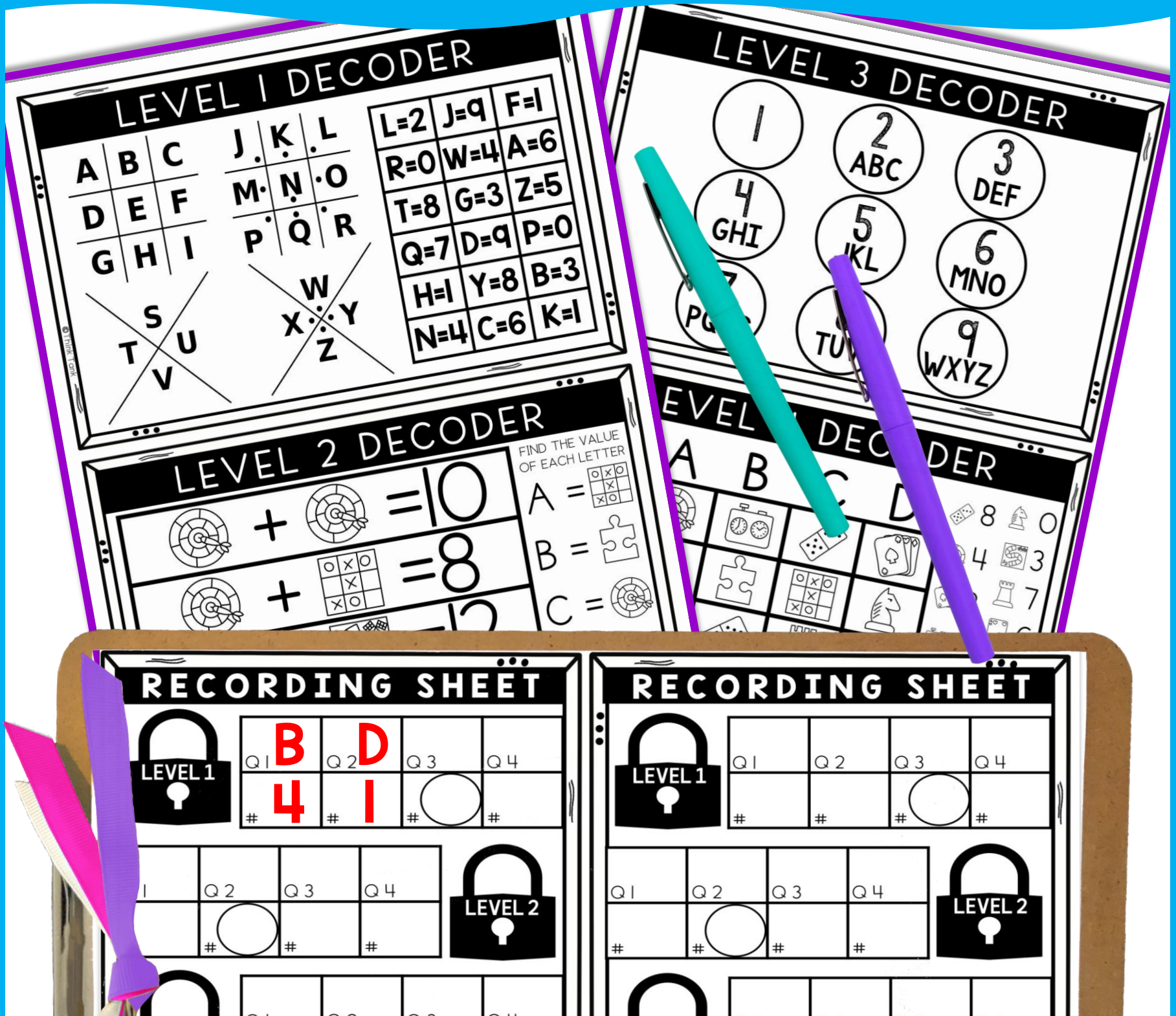
**LEVEL 3: QUESTION 3**  
One of the largest craters on Mercury is called \_\_\_ Basin.

Caloris	J
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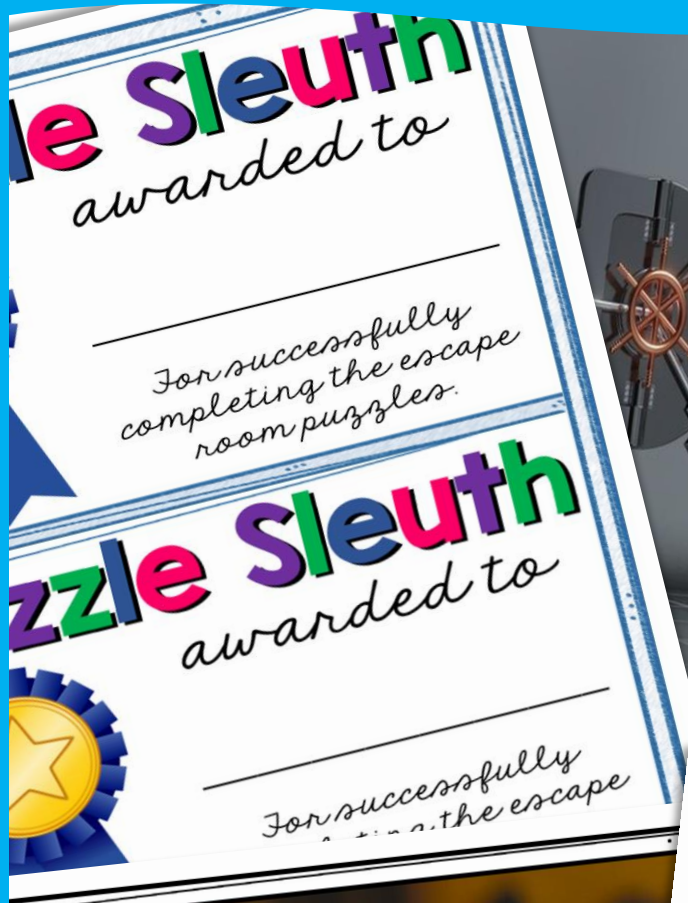
**LEVEL 4 DECODER**

Q1	A	B	C	D	8	9	0
Q2					4	5	3
Q3					2	7	6


# PUZZLE TYPES



# PRINT, CUT, PLAY



# HOW IT WORKS



## ENGAGING READING COMPREHENSION PRACTICE!

1

Students work individually (or in pairs) and visit 16 question cards.

2

Students will answer the questions found directly in the passage on their recording sheet.

3

Students will use that specific “decoder” to reveal a 4-digit code for each level.

### PLANET MER

Mercury is the smallest of the eight planets in the solar system, it revolves around the sun. It is gray or rings. The first four planets (Mercury, Venus, Earth, rocky planets, or terrestrial planets.

The first known record of Mercury is 4th century B.C. Experts understand that the Sumerians and Babylonians about Mercury. Yet, Galileo was the first to see Mercury 1609. Scientists believe the earliest

### LEVEL 1 DECODER

A	B	C
D	E	F
G	H	I

J	K	L
M	N	O
P	Q	R

L=2	J=9	F
R=0	W=4	A=
T=8	G=3	Z=
Q=7	D=9	P=0
H=1	Y=8	B=3
N=4	C=6	K=1

<del>T</del>	S	<del>U</del>
<del>V</del>		<del>W</del>

<del>X</del>	Y	<del>Z</del>
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### LEVEL 1: QUESTION 1

The first known record of Mercury is by --- astronomers.

Babylonian

Mesopotamian

Assyrian

Terrestrial

### LEVEL 1: Q

One day takes ---

75

99

### LEVEL 1: QUESTION 3

Mercury is the --- of the eight planets.

Hottest




### LEVEL 1: QU




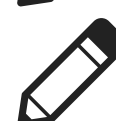
Temperature planet can re --- degrees F

# BENEFITS



THINK OUTSIDE THE BOX!

-  ANTICIPATORY SETS
-  UNIT REVIEW
-  EARLY FINISHERS
-  STATIONS
-  SUB PLANS
-  PARTNER WORK
-  ENRICHMENT

-  LOW PREP
-  PRINT, CUT & PLAY
-  CROSS-CURRICULAR
-  HIGHLY ENGAGING

