

PLANET VENUS

ESCAPE ROOM

PLANET VENUS
The second planet in the solar system, closest planet to Earth, and the brightest planet in the night sky besides the moon. Although the exact time it was first seen from Earth without a telescope. Early civilizations observed the planet thousands of years ago, but it was not named until the 17th century. Initially, people thought Venus was two separate planets, the morning star and evening star. The morning star was called Phosphorus, and the evening star was called Hesperus ("west" in Greek) because it appeared in the west after sunset. Pythagoras, a Greek mathematician from the 6th century BCE, was the first to suggest that the two planets were the same planet. So, the Greeks named the planet Aphrodite after the goddess of love. The name Venus came from the Roman goddess of love.

LEVEL 1 DECODER

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

FIND THE VALUE OF EACH LETTER

A =

$+$ = 10

$+$ = 8

RECORDING SHEET

Q1	Q2	Q3
#	#	#

LEVEL 1

Q1	Q2	Q3	Q4
#	#	#	#

LEVEL 2

QUESTION 2
About how many spacecraft have visited Venus?

>	25
<	40
□	60
Δ	12

QUESTION 4
Venus is the --- planet in our solar system.

Coldest

THINK TANK

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

8, 4, 2

LEVEL 1, LEVEL 2

WHAT'S INCLUDED?

PLANET VENUS

Venus is the sixth largest planet in the solar system, closest planet to Earth, and the second closest planet to the sun. It shines brighter than any other planet seen on Earth, and brighter than anything in the night sky besides the moon.

Venus can easily be seen from Earth without a telescope. Although the exact time of discovery is unknown, early civilizations observed the planet thousands of years ago since they could easily spot it in the sky. Initially, people thought Venus was two separate

LEVEL 1: QUESTION 1 **LEVEL 1: QUESTION 2**

LEVEL 2: QUESTION 1 **LEVEL 2: QUESTION 2**

LEVEL 3: QUESTION 1 **LEVEL 3: QUESTION 2**

LEVEL 4: QUESTION 1 **LEVEL 4: QUESTION 2**

LEVEL 1 DECODER

A	B	C	J	K	L	L=2	J=9	F=1
D	E	F	M	N	O	R=0	W=4	A=6

LEVEL 2 DECODER

FIND THE VALUE OF EACH LETTER

A =

0	0
X	0
X	0

LEVEL 3 DECODER

1 2 3

ABC DEF

LEVEL 4 DECODER

A B C D 8 0

Q 4 3

RECORDING SHEET

LEVEL 1

Q1	Q2	Q3	Q4
#	#	#	#

LEVEL 2

Q1	Q2	Q3	Q4
#	#	#	#

HOW TO DECODE

A	B	C	J	K	L	L=2	J=9	F=1
D	E	F	M	N	O	R=0	W=4	A=6
G	H	I	P	Q	R	T=8	G=3	Z=5
S	T	U	V	X	Y	Q=7	D=9	P=0
X	Y	Z				H=1	Y=8	B=3

Find the SHAPE that relates to your answer and determine the letter it represents. Example: L would be the letter L and □ would be the letter D. Next, use the chart to determine what NUMBER the letter represents. D=9 and L=2.

This one can be tricky! First answer the FOUR questions for that level. Then, using the 'math' problems, determine what each correct letter holds as a value (number). Be sure to enter the answers in the SAME ORDER as you answer the questions. Ex: D=9, W=4, A=6, F=1, L=2

LEVEL 2 DECODER

$\odot + \odot = \bigcirc$ A =

0	0
X	0
X	0

$\odot + \odot = 8$ B =

0	0
X	0
X	0

$\odot + \odot = 2$ C =

0	0
X	0
X	0

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



16 QUESTIONS

PLANET VENUS
...est planet in the solar system, closes...
...e sun. It shines brighter than any ot...
...g in the night sky besides the moon...
...seen from Earth without a telescope...
...early civilizations observed the pla...
...spot it in the sky. Initially, people tho...
...g star and evening star. The mornin...
...because dawn would come soon in...
...called Hesperus ("west" in Greek) be...
...aroras, a Greek mathematici...
...Greeks named the pla...
...me to Venus. In...

LEVEL 1: QUESTION 1
Venus is the ____ largest planet.

J Third	A Eighth
F Sixth	G Fourth

LEVEL 1: QUESTION 2
About how many spaceships have visited Venus?

40
12

LEVEL 2: QUESTION 1
Venus has clouds of ____ acid.

A Sulfuric	B Hydrochloric
C Tartaric	D Nitric

LEVEL 1: QUESTION 3
What are some of the names the Greeks called Venus called?

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=1 Y=8
N=4 C=6

LEVEL 4: QUESTION 1
Who discovered that Venus orbited the sun?

A Herschel	B Copernicus
C Galileo	D Kepler

LEVEL 4: QUESTION 2

RECORDING SHEET

LEVEL 1	Q1	Q2	Q3	Q4
#	#	#	○	#

LEVEL 3 DECODER

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

LEVEL 3: QUESTION 1
Venus is a ____ planet meaning it is solid and made of rocks.

A Infinitesimal	T Polytechnical
H Colloquial	L Terrestrial

LEVEL 3: QUESTION 2
How many moons orbit Venus?

E Four	M Eight
Y Zero	B One

LEVEL 3: QUESTION 3
What did the Greeks name the planet?

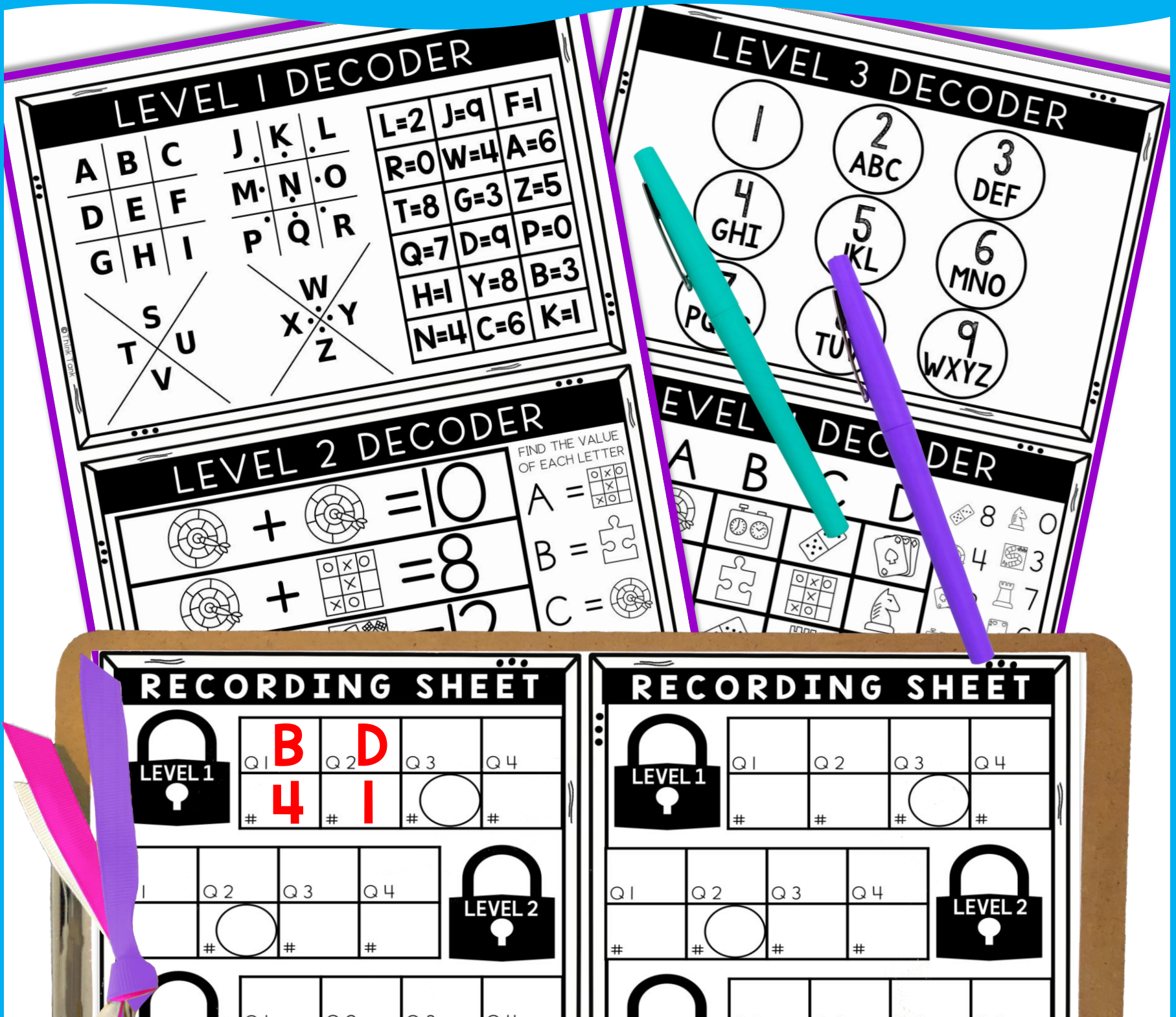
I Anubis J

LEVEL 3: QUESTION 4
Which country had the Venera 7 space probe?

LEVEL 4 DECODER

Q1	A	B	C	D	8	9	0
Q2	8	9	0	1	2	3	4
Q3	1	2	3	4	5	6	7


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 VENUS

Venus is the sixth largest planet in the solar system and second closest planet to the sun. It shines brighter than any other planet in the night sky besides the moon and brighter than anything in the night sky besides the moon. Venus can easily be seen from Earth without a telescope. Venus was discovered by ancient civilizations since they could easily spot it in the sky. Initially, people thought it was two planets or stars: morning star and evening star. The word “light-bringer” in Greek became the name Venus.

LEVEL 1 DECODER

A	B	C	J	K	L	L=2	J=9	F=
D	E	F	M	N	O	R=0	W=4	A=
G	H	I	P	Q	R	T=8	G=3	Z=
T S U			W X Y			Q=7	D=9	P=0
V			Z			H=1	Y=8	B=3
						N=4	C=6	K=1

LEVEL 1: QUESTION 1

Venus is the ___ largest planet.

Third

A

Eighth

Sixth

B

Fourth

LEVEL 1: QUESTION 2

About how many people have visited Venus?

40

12

LEVEL 1: QUESTION 3

What are some of the craters on Venus called?

Veins






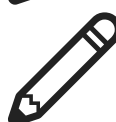
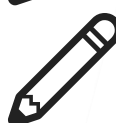
LEVEL 1: QUESTION 4

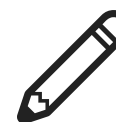



Venus is the ___ planet in our solar system.

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

