

PLANET NEPTUNE

ESCAPE ROOM

PLANET NEPTUNE
and most distant planet in the Solar System. It is the fourth furthest from the sun. In fact, Neptune is 30 times further from the sun than Earth. Neptune was named after the Roman god of the sea due to its blue color. It is so far from Earth that it is impossible to see without the aid of a telescope. Galileo is thought to have discovered Neptune in 1610, but he thought it was a star. A controversy over who discovered Neptune. Galileo is thought to have discovered Neptune through a telescope in 1610, but he thought it was a star. It was discovered as a planet until 1846 by Urbain Le Verrier, John Couch Adams, and Galle. At first, astronomers assumed that Uranus' orbit was perturbed by another planet. So, they assumed that another planet was out there. Neptune was the first planet to be found using math. No other planet has the second-largest gravity of the Solar System.

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=9	P=0
H=1	Y=8	B=3
N=4	C=6	K=1

LEVEL 2 DECODER

FIND THE VALUE OF EACH LETTER

A =

0	x	0
x		0
0	x	0

LEVEL 1: QUESTION 2
What year was Neptune discovered as a planet?

1752
1902
1610
1846

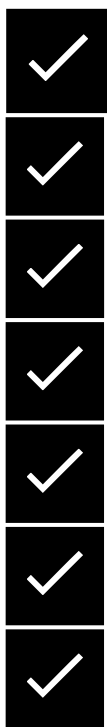
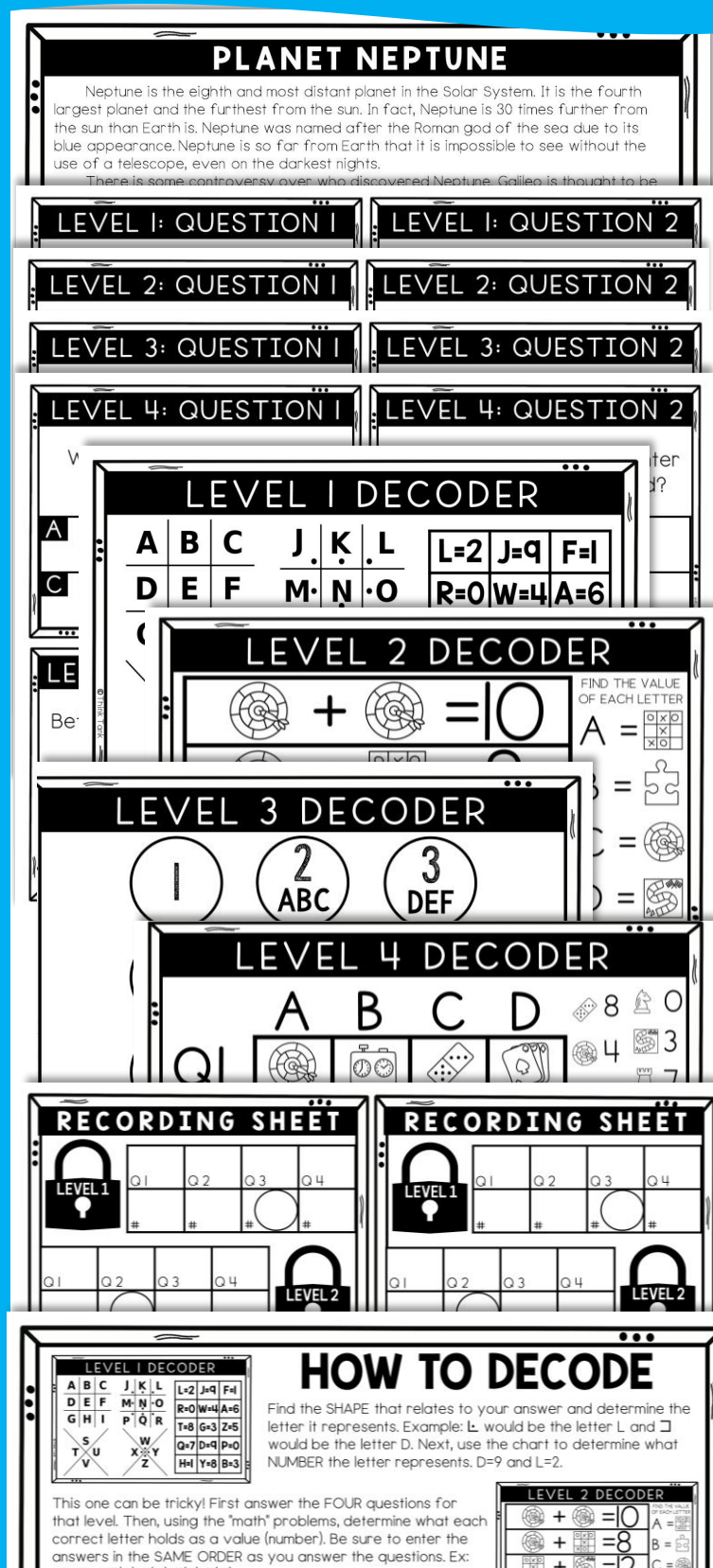
LEVEL 1: QUESTION 4
How many official moons does Neptune have?

RECORDING SHEET

Q1	Q2	Q3
#	#	#

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 NEPTUNE
and most distant planet in the Solar System. It is the eighth planet from the sun. In fact, Neptune is the farthest planet from the sun. Neptune was named after the Roman god of the sea. It is so far from Earth that it is impossible to see with the naked eye. It is on the darkest nights. There was a controversy over who discovered Neptune. It was discovered through a telescope in 1846 by Urbain Le Verrier and Johann Galle. It was considered as a planet until 1846 by Urbain Le Verrier. At first, astronomers determined that it was the first planet to be discovered. So, they assumed that it was the first planet to be discovered. It is the second-most powerful planet in the solar system.

LEVEL 1: QUESTION 1
Neptune is the ____ planet in our solar system.
A Most volcanic B Most distant
C Largest D Hottest

LEVEL 1: QUESTION 2
What year was Neptune discovered as a planet?
A 1902 B 1610
C 1846 D 1789

LEVEL 2: QUESTION 1
Neptune was the first planet to be found using ____.
A Magnetism B Reverse polarity
C Math D Chemistry

LEVEL 1: QUESTION 3
What color does Neptune appear to be?
A Blue B Green
C Red D Yellow

RECORDING SHEET
LEVEL 1
Q1 Q2 Q3 Q4
#

LEVEL 4: QUESTION 1
Who is thought to be the first person to view Neptune through a telescope?
A Galle B Newton
C Copernicus D Galileo

LEVEL 3: QUESTION 1
Neptune has ____ rings and four ring arcs.
A Nine B Three
C Six D Eleven

LEVEL 3: QUESTION 2
Neptune has a magnetic field which is ____ times stronger than Earth.
A 15 B 23
C 27 D 35

LEVEL 3: QUESTION 3
Neptune is the ____ largest planet in our solar system.
A Second B Third
C Fourth D Fifth

LEVEL 3: QUESTION 4
How many Earth years is one year on Neptune?
A 164 B 118
C 165 D 119

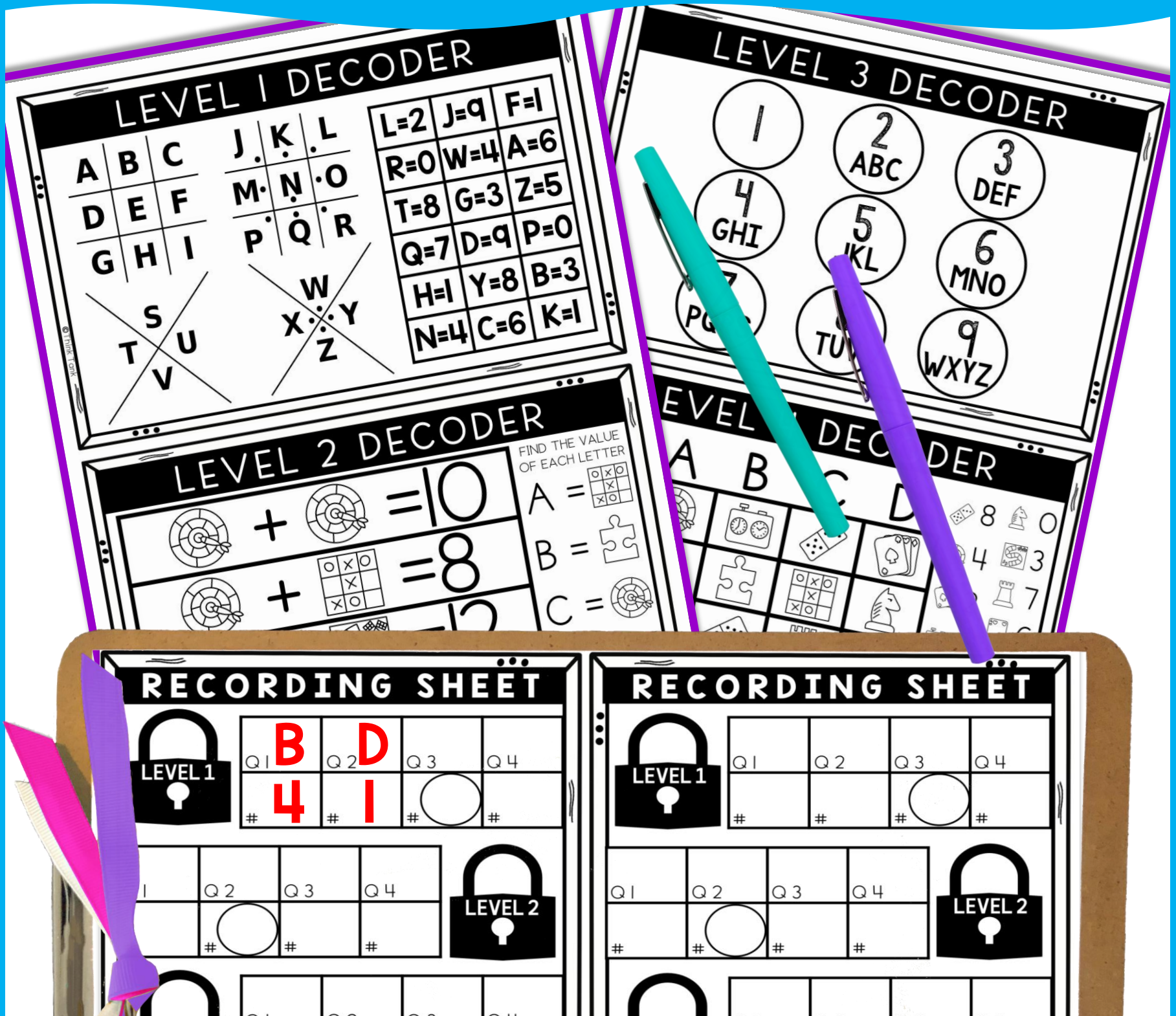
LEVEL 1 DECODER
B C J K L
E F M N O
H I P Q R
U X Y Z

LEVEL 2
+

LEVEL 3 DECODER
1 2 3
4 5 6
7 8 9
WXYZ

LEVEL 4 DECODER
A B C D
Q1 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 NEP

Neptune is the eighth and most distant planet in the solar system. It is the largest planet and the furthest from the sun. In fact, Neptune is larger than Earth is. Neptune was named after the Roman god of the sea. Neptune is so far from Earth that it is the first person to view Neptune through a telescope in 1846. There is some controversy over who discovered Neptune.

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	X	W	Y	Q=7	D=9	P=0
						H=1	Y=8	B=3
						N=4	C=6	K=1

LEVEL 1: QUESTION 1

Neptune is the ____ planet in our solar system.

Most volcanic

A Most distant

Largest

Hottest

LEVEL 1: QUESTION 2

What year was Neptune discovered?

1902

1846

LEVEL 1: QUESTION 3

What color does Neptune appear to be?

Blue

Yellow






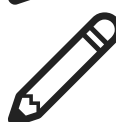
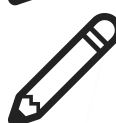
LEVEL 1: QUESTION 4





How many of the planets in our solar system does Neptune have more than?

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

