

HUMAN BRAIN

ESCAPE ROOM

HUMAN BRAIN

an brain produces roughly 70,000 thoughts per day? The human brain is the control center of the human body. It is responsible for memory, movement, and much more. It works with the spinal cord to control the body and muscles. Together, the brain and spinal cord form the central nervous system of the human body. The brain is very wrinkly, even when a person sleeps. This complex organ weighs about three pounds and is very wrinkly. This complex organ is made of soft tissue and is pink in color and soft to the touch. It is protected by 22 bones known as the skull (cranium), as well as the spinal fluid. The brain contains billions of microscopic cells called neurons that can transmit messages at speeds of over 150 miles per hour. The brain is connected to the rest of the body by nerves in the human nervous system that connect directly to the brain.

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	=	10
B	=	8

LEVEL 1: QUESTION 2

Cerebellum is Latin for "---- brain".

Big	Little
Pink	Inner

LEVEL 1: QUESTION 4

The brain hemispheres are connected by nerve fibers called the ---- callosum.

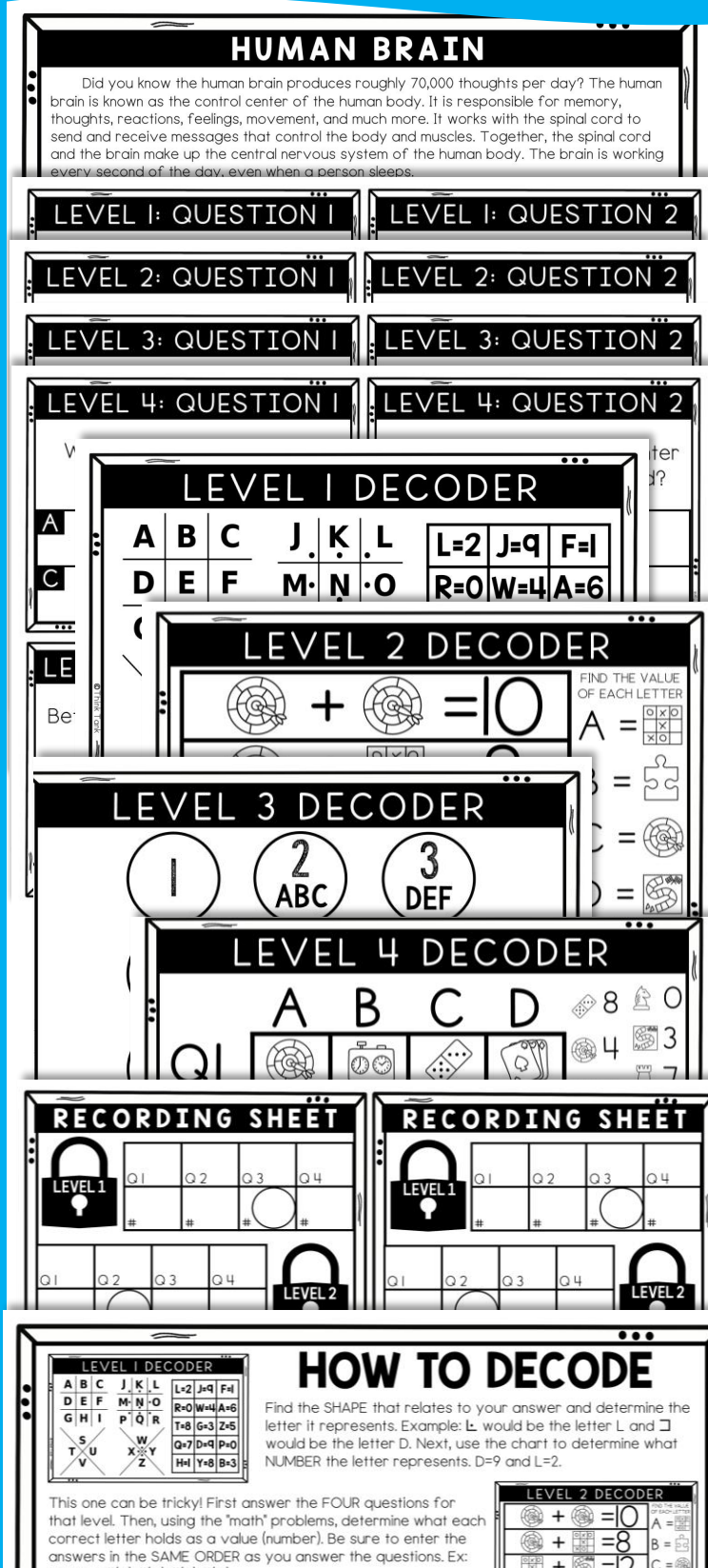
THINK TANK

RECORDING SHEET

LEVEL 1	Q1	Q2	Q3
	#	#	#

LEVEL 2	Q1	Q2	Q3	Q4
	#	#	#	#

WHAT'S INCLUDED?



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



16 QUESTIONS

HUMAN BRAIN
 The brain produces roughly 70,000 thoughts per second. It is the center of the human body. It is responsible for movement, and much more. It works with the central nervous system of the human body, even when a person sleeps. The brain is wrinkled, about three pounds and is very wrinkled to function properly. It is pink in color and is protected by 22 bones known as the skull. The brain contains billions of neurons that transmit messages at speeds of up to 300 feet per second.

LEVEL 1: QUESTION 1
 Together, the spinal cord and the brain make up the central ____ system.
 A Skeletal B Signal
 C Circulatory D Nervous

LEVEL 1: QUESTION 2
 Cerebellum is for "____" brain.
 A Pink B Inner
 C Outer D Frontal

LEVEL 2: QUESTION 1
 The ____ brain is associated with speech, language, and math.
 A Right B Upper
 C Left D Lower

LEVEL 1: QUESTION 3
 The hypothalamus controls ____ of the body.
 A Temperature B Heart rate
 C Blood pressure D All of the above

RECORDING SHEET
 LEVEL 1
 Q1 Q2 Q3 Q4
 # # # #

LEVEL 4: QUESTION 1
 What is the outer most layer of the cerebrum called?
 A Cerebellum B Cranium
 C Cerebral cortex D Cerebral sphere

LEVEL 4: QUESTION 2
 What are the cells that make up the brain?
 A Neurons B Glial cells
 C Both A and B D None of the above

LEVEL 3: QUESTION 1
 What color is the brain?
 A Blue B Black
 C Pink D White

LEVEL 3: QUESTION 2
 At roughly what age is the brain fully formed?
 A 9 B 12
 C 18 D 25

LEVEL 3: QUESTION 3
 The cerebrum also controls ____ muscles.
 A Aortic B Voluntary
 C Involuntary D All of the above

LEVEL 3: QUESTION 4
 The brain is surrounded by a liquid called ____.
 A Cerebrospinal fluid B Blood
 C Lymph D Saliva

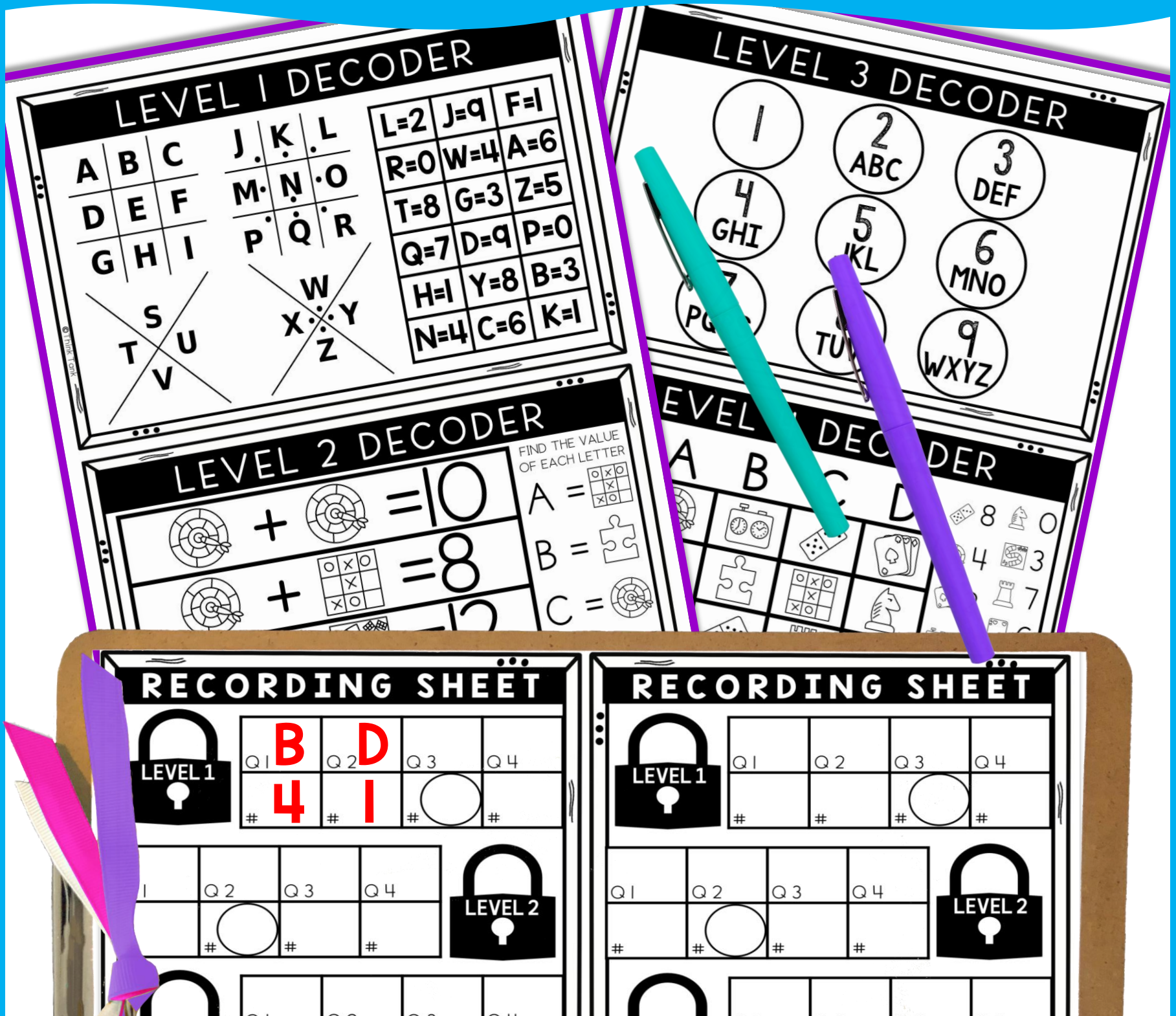
LEVEL 1 DECODER
 B C J K L
 E F M N O
 H I P Q R
 U X Y Z

LEVEL 2
 + [Grid with X and O] +
 [Grid with numbers] +
 [Grid with letters]

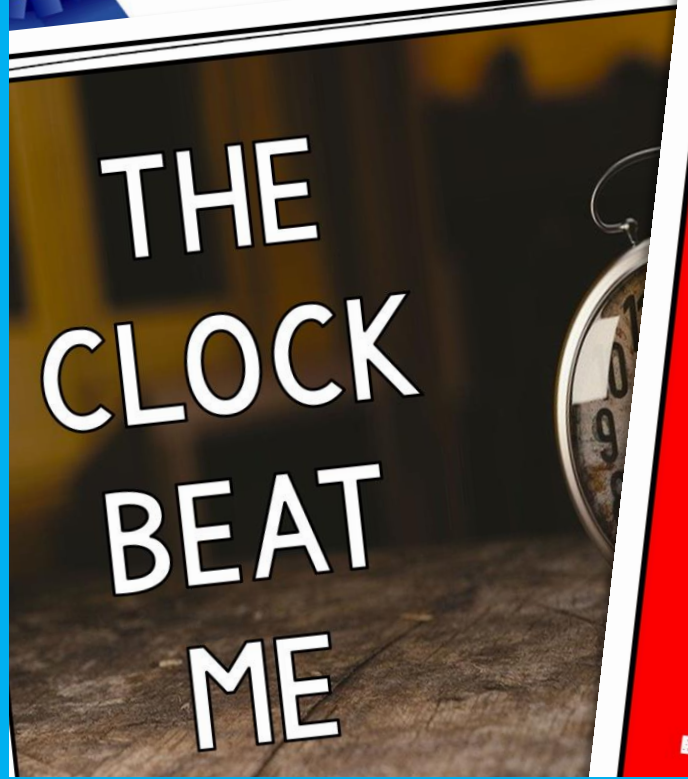
LEVEL 3 DECODER
 1 2 3
 4 5 6
 7 8 9
 ABC DEF GHI JKL MNO PQRST UVW XYZ

LEVEL 4 DECODER
 A B C D
 Q1 [Grid with icons] Q2 [Grid with icons] Q3 [Grid with icons]


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.

HUMAN BRAIN

Did you know the human brain produces roughly 70% of the body's energy. The brain is known as the control center of the human body. It sends and receives messages that control the body and movement. The brain and the brain make up the central nervous system of the body. The brain weighs about three pounds and is very wrinkled. The brain needs a constant supply of oxygen to function properly. It is pink in color.

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=7
G	H	I	P	Q	R	T=8	G=3	Z=6
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

Together, the spinal cord and the brain make up the central --- system.

<input type="checkbox"/> Skeletal	<input checked="" type="checkbox"/> A	Signal
<input type="checkbox"/> Circulatory	<input type="checkbox"/>	Nervous

LEVEL 1: QUESTION 2

Cerebellum is responsible for " --- "

<input type="checkbox"/>	Pink
<input checked="" type="checkbox"/>	Inner

LEVEL 1: QUESTION 3

The hypothalamus controls the --- of the body.

<input checked="" type="checkbox"/>	Growth
<input type="checkbox"/>	Temperature

LEVEL 1: QUESTION 4




The brain hemispheres are connected by a structure called the ---




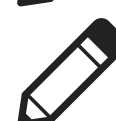
<input type="checkbox"/>	Brainstem
<input type="checkbox"/>	Spinal Cord

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

