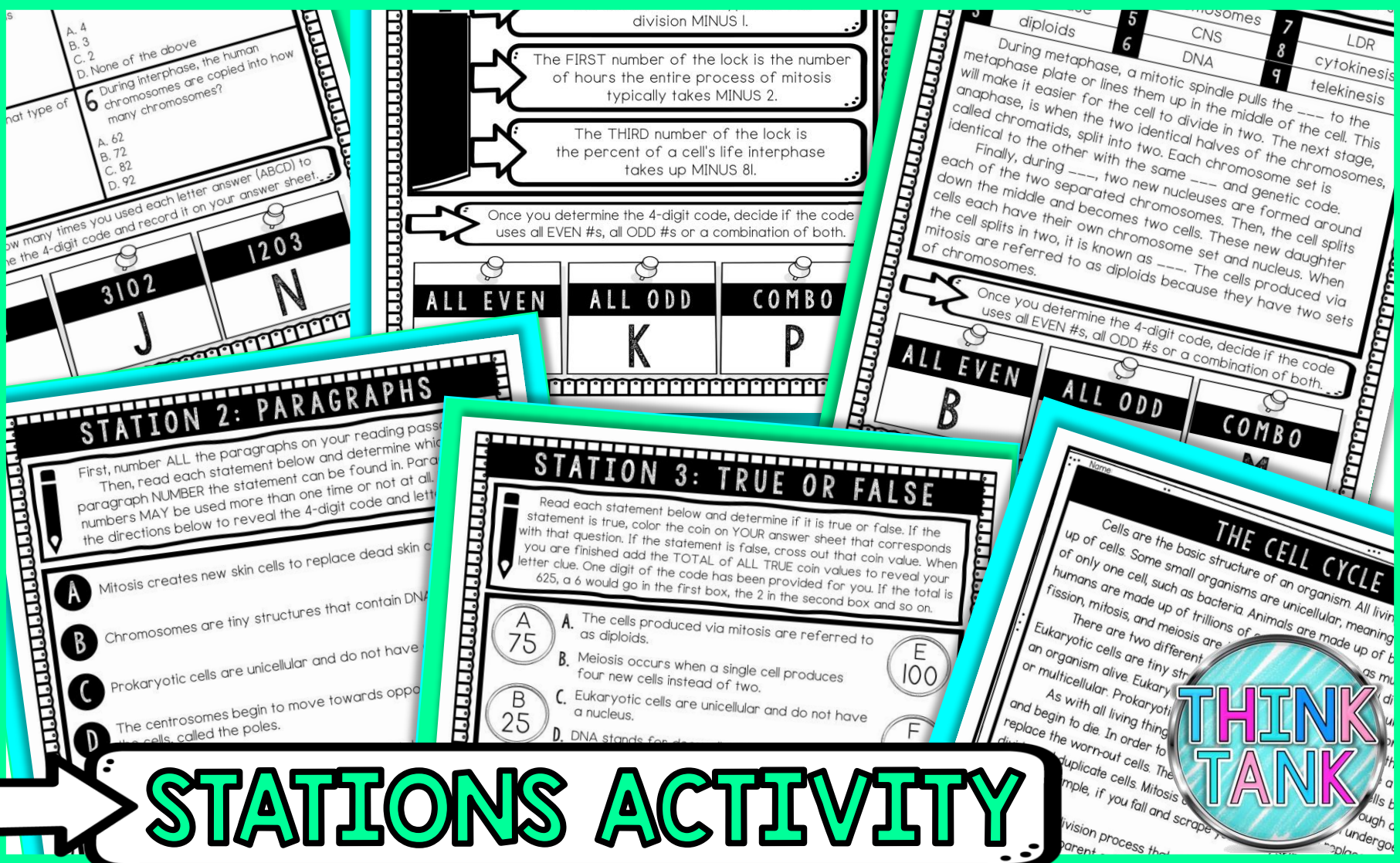
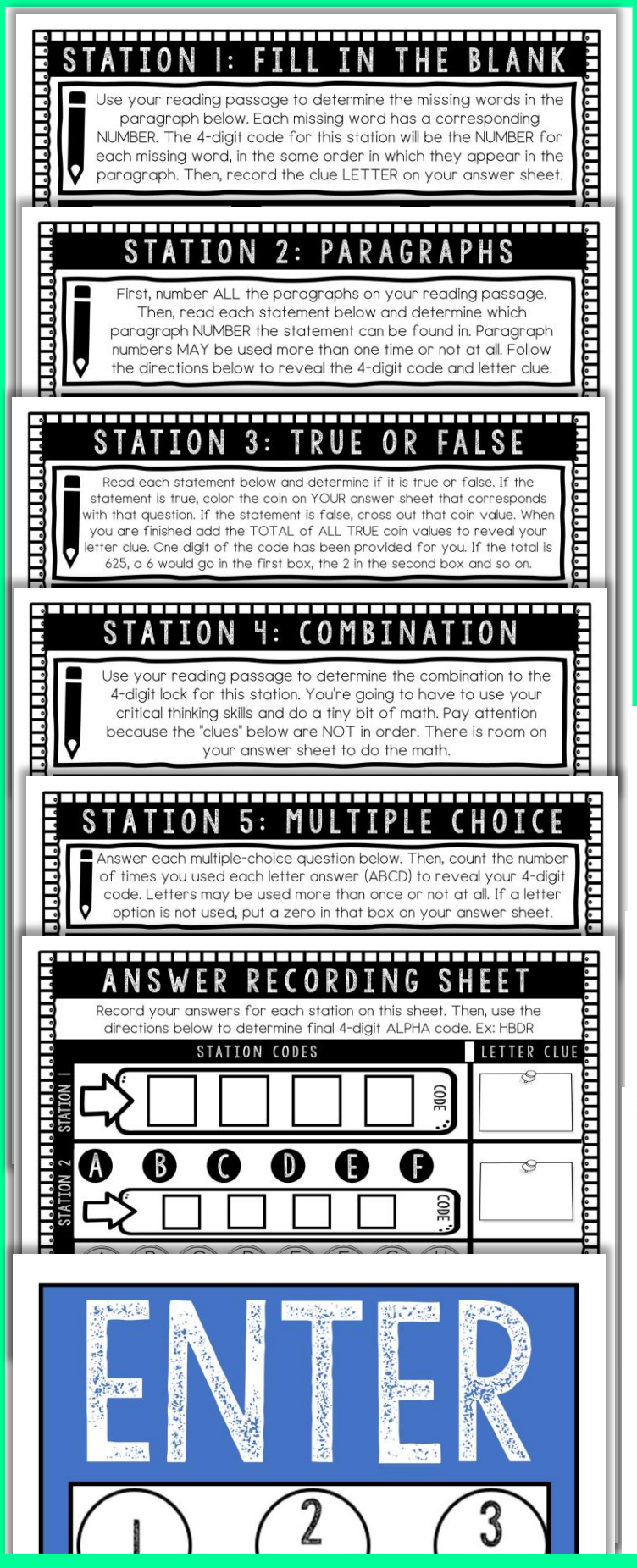
CELL CYCLE

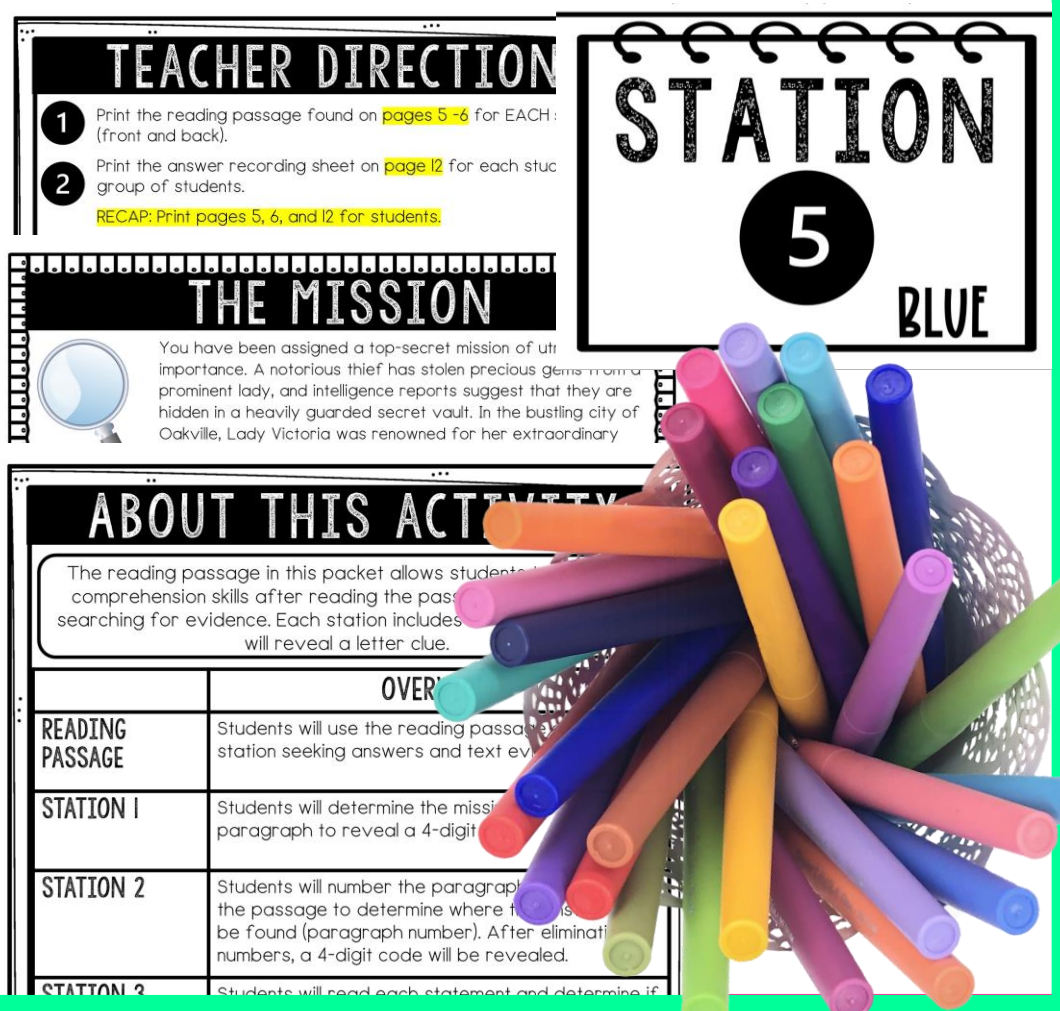
ESCAPE ROOM



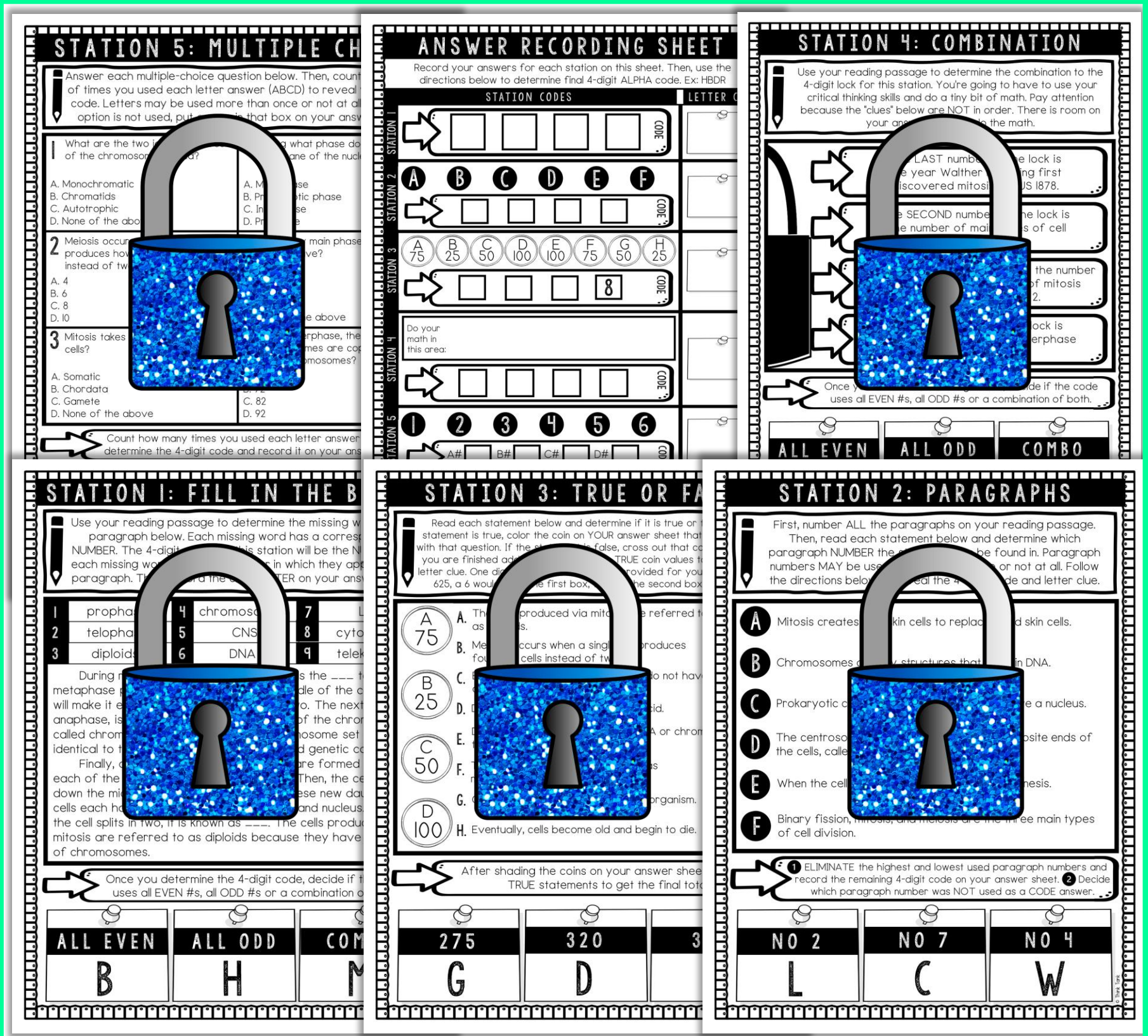


WHAT'S INCLUDED?

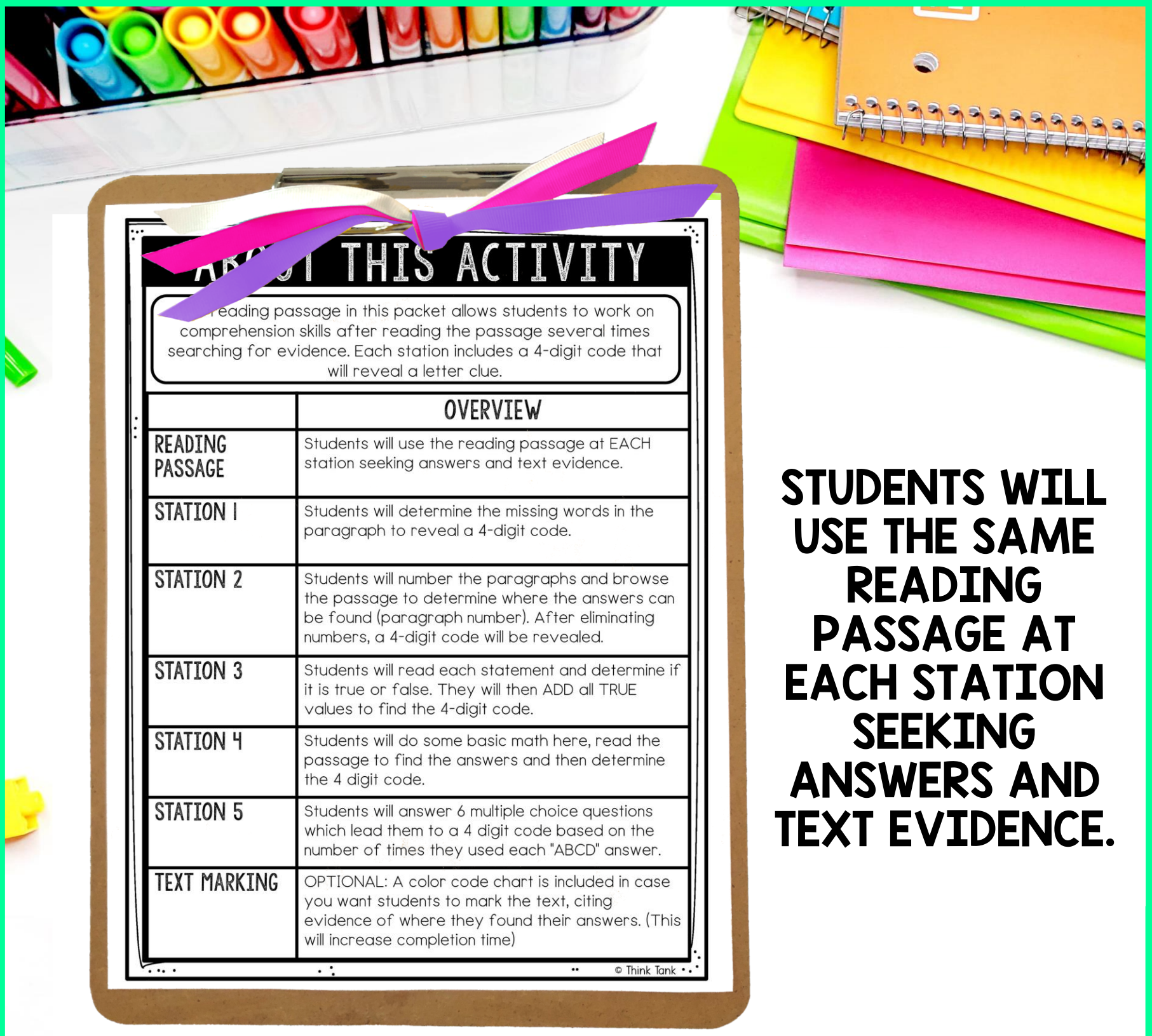
- READING PASSAGE
- 5 STATIONS
- TEACHER GUIDE
- ANSWER KEY
- STUDENT DIRECTIONS
- TEXT MARKING OPTION
- PROP SIGNS



5 STATIONS


STATION 5: MULTIPLE CH
Answer each multiple-choice question below. Then, count
of times you used each letter answer (ABCD) to reveal
code. Letters may be used more than once or not at all
option is not used, put
1 What are the two
of the chromoso
A. Monochromatic
B. Chromatids
C. Autotrophic
D. None of the abo
2 Meiosis occur
produces hov
instead of tw
A. 4
B. 6
C. 8
D. 10
3 Mitosis takes
cells?
A. Somatic
B. Chordata
C. Gamete
D. None of the above
C. 82
D. 92
Count how many times you used each letter answer
determine the 4-digit code and record it on your ans
ANSWER RECORDING SHEET
Record your answers for each station on this sheet. Then, use the
directions below to determine final 4-digit ALPHA code. Ex: HBDR
STATION CODES
LETTER C
STATION 1
CODE
A B C D E F
STATION 2
CODE
A 75 B 25 C 50 D 100 E 100 F 75 G 50 H 25
STATION 3
CODE
8
Do your
math in
this area:
STATION 4
CODE
1 2 3 4 5 6
STATION 5
A# B# C# D#
STATION 4: COMBINATION
Use your reading passage to determine the combination to the
4-digit lock for this station. You're going to have to use your
critical thinking skills and do a tiny bit of math. Pay attention
because the "clues" below are NOT in order. There is room on
your
the math.
LAST numb
e year Walther
iscovered mitosi
e lock is
ng first
US 1878.
SECOND numbe
e number of mai
e lock is
s of cell
the number
f mitosis
2.
lock is
erphase
Once y
de if the code
uses all EVEN #s, all ODD #s or a combination of both.
ALL EVEN
ALL ODD
COMBO
STATION 1: FILL IN THE B
Use your reading passage to determine the missing w
paragraph below. Each missing word has a corresp
NUMBER. The 4-digit
is station will be the N
each missing wo
in which they app
paragraph. Th
TER on your ans
1 propha
2 telopha
3 diploid
4 chromoso
5 CNS
6 DNA
7 L
8 cyto
9 telek
During
s the ___ t
metaphase
dle of the c
will make it e
o. The next
anaphase, is
of the chro
called chrom
nosome set
identical to t
d genetic co
Finally,
are formed
each of the
Then, the ce
down the mi
ese new dau
cells each ho
and nucleus.
the cell splits in two, it is known as ___. The cells produ
mitosis are referred to as diploids because they have
of chromosomes.
Once you determine the 4-digit code, decide if t
uses all EVEN #s, all ODD #s or a combination o
ALL EVEN
B
ALL ODD
H
COM
M
STATION 3: TRUE OR FA
Read each statement below and determine if it is true or
statement is true, color the coin on YOUR answer sheet that
with that question. If the st
is false, cross out that co
you are finished ad
TRUE coin values t
letter clue. One di
rovided for you
625, a 6 woul
e first box,
he second box
A 75
B 25
C 50
D 100
A. Th
produced via mito
as
s.
B. Me
ccurs when a singl
produces
fou
cells instead of tw
C.
o not hav
D.
id.
E.
A or chrom
F.
s
G.
organism.
H. Eventually, cells become old and begin to die.
After shading the coins on your answer shee
TRUE statements to get the final tot
275
G
320
D
3
STATION 2: PARAGRAPHS
First, number ALL the paragraphs on your reading passage.
Then, read each statement below and determine which
paragraph NUMBER the
be found in. Paragraph
numbers MAY be use
or not at all. Follow
the directions belo
eal the 4
de and letter clue.
A Mitosis creates
kin cells to replac
d skin cells.
B Chromosomes
structures that
in DNA.
C Prokaryotic c
e a nucleus.
D The centroso
osite ends of
the cells, calle
E When the cell
nesis.
F Binary fission,
of cell division.
ree main types
1 ELIMINATE the highest and lowest used paragraph numbers and
record the remaining 4-digit code on your answer sheet. 2 Decide
which paragraph number was NOT used as a CODE answer.
NO 2
L
NO 7
C
NO 4
W

STATIONS



ABOUT THIS ACTIVITY

reading passage in this packet allows students to work on comprehension skills after reading the passage several times searching for evidence. Each station includes a 4-digit code that will reveal a letter clue.

	OVERVIEW
READING PASSAGE	Students will use the reading passage at EACH station seeking answers and text evidence.
STATION 1	Students will determine the missing words in the paragraph to reveal a 4-digit code.
STATION 2	Students will number the paragraphs and browse the passage to determine where the answers can be found (paragraph number). After eliminating numbers, a 4-digit code will be revealed.
STATION 3	Students will read each statement and determine if it is true or false. They will then ADD all TRUE values to find the 4-digit code.
STATION 4	Students will do some basic math here, read the passage to find the answers and then determine the 4 digit code.
STATION 5	Students will answer 6 multiple choice questions which lead them to a 4 digit code based on the number of times they used each "ABCD" answer.
TEXT MARKING	OPTIONAL: A color code chart is included in case you want students to mark the text, citing evidence of where they found their answers. (This will increase completion time)

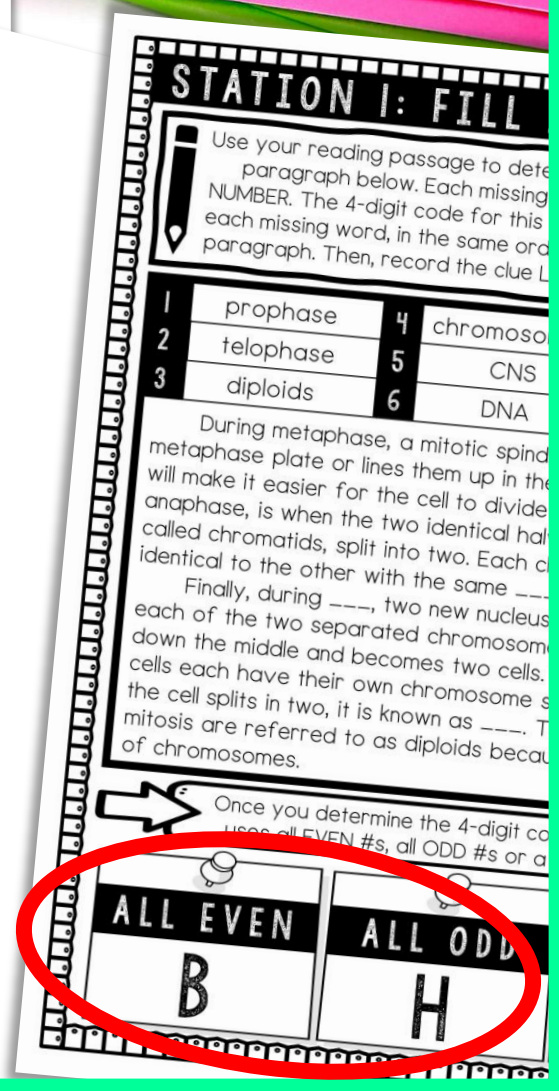
STUDENTS WILL USE THE SAME READING PASSAGE AT EACH STATION SEEKING ANSWERS AND TEXT EVIDENCE.

HOW IT WORKS

ENGAGING READING COMPREHENSION PRACTICE!

1. Students work individually (or in pairs) and visit 5 stations, answer questions, decipher a 4-digit code at each station and grab a "letter" clue for the final alpha code.

2. Students will answer the questions (found directly in the passage) on their own recording sheet. Students will have to revisit their reading passage several times at EACH station skimming for answers.

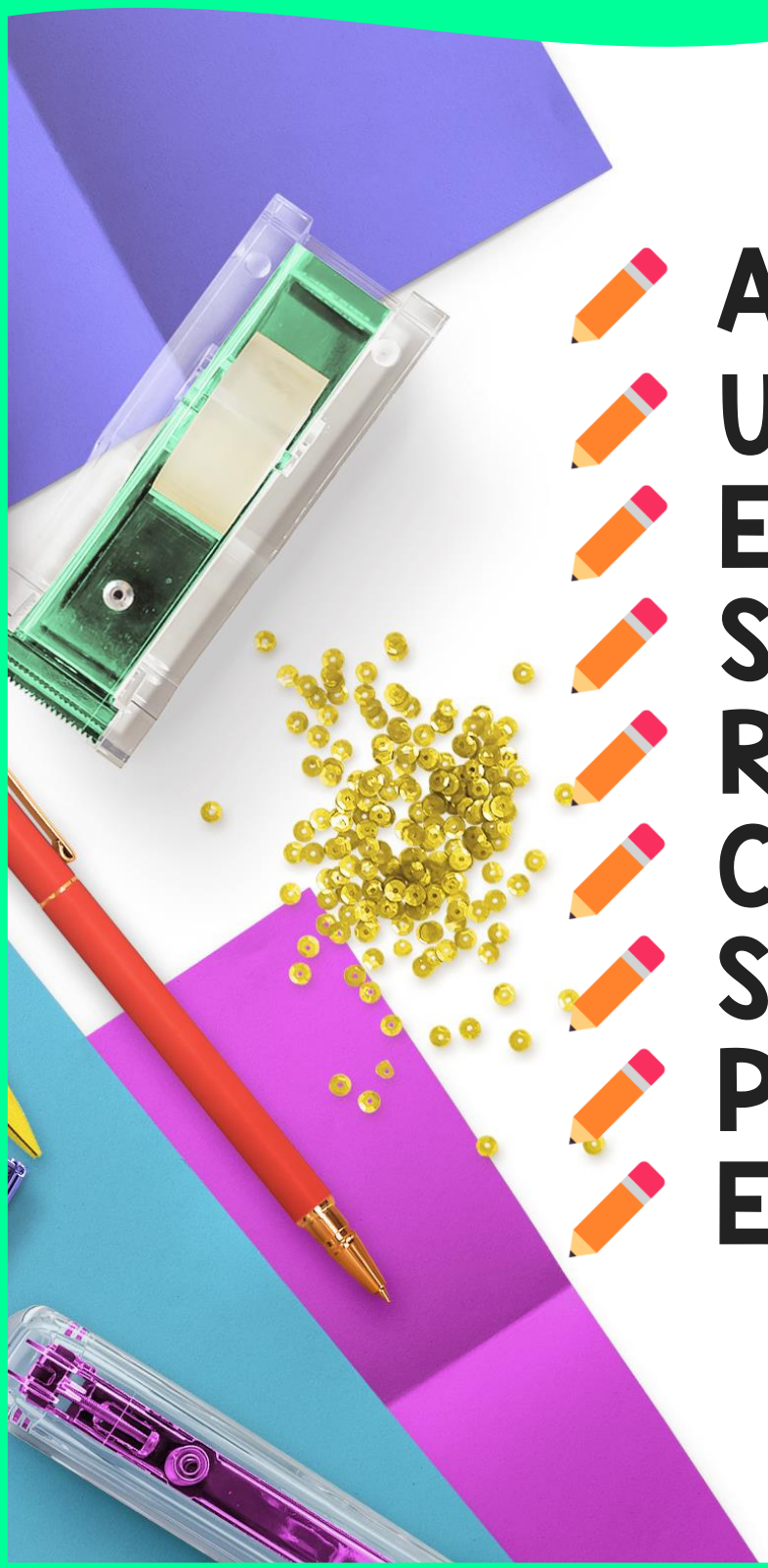


BENEFITS

- ✅ STATIONS AND MOVEMENT
- ✅ CLOSE READING
- ✅ COMPREHENSION SKILLS
- ✅ SECRET CODES
- ✅ CITING EVIDENCE
- ✅ CRITICAL THINKING
- ✅ PRINT AND GO
- ✅ ACTIVE LEARNING
- ✅ CROSS-CURRICULAR
- ✅ HIGHLY ENGAGING
- ✅ NO LOCKS NEEDED
- ✅ NO SILLY ENVELOPES TO STUFF
- ✅ NO ODD SHAPES TO CUT OUT

Everything a teacher dreams of wrapped up into one FUN and engaging activity!

USE FOR:



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