

ATOMS & MOLECULES

CSI SPY MYSTERY

IN THE BL...

Read the INCORRECT statements and FIX the errors on the line below. Rewrite the sentence a CORRECT statement.

Scientists measure the size of atoms in decibels.

6. If one atom atom an electron.

7. There are periodic table.

8. When

SECRET WORD

Four oxygen atoms + seven carbon atoms = carbon dioxide.

CASE FILE DOSSIER

Cross off the images you use as an answer. What remains will solve the case.

THINK TANK

SECURITY CLEARANCE: LEVEL 5

LEAD DETECTIVE

AGENT NAME
CODENAME
BADGE #
PRECINCT 5005

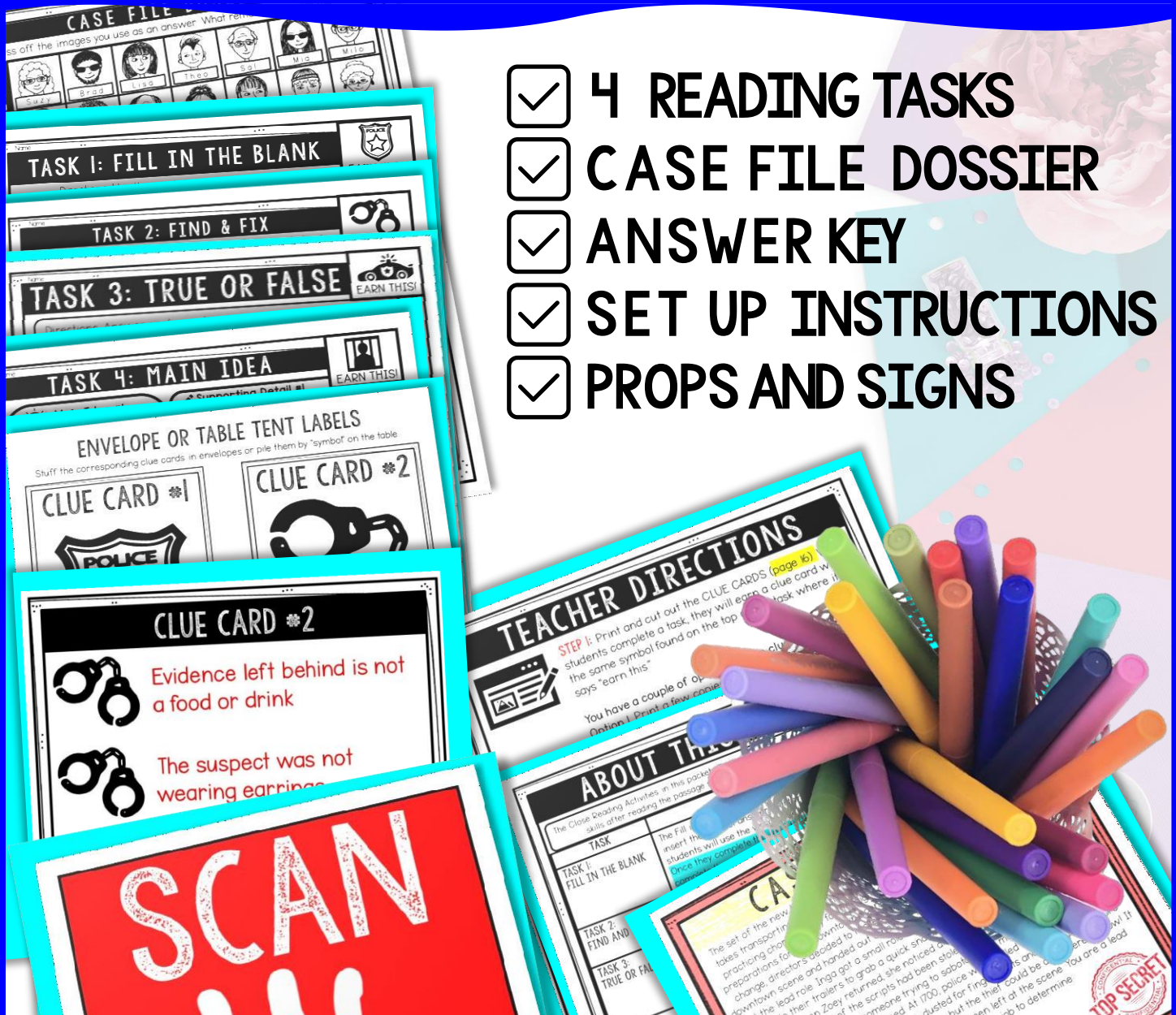
SECURITY CLEARANCE: LEVEL 5

LEAD DETECTIVE

AGENT NAME

WHAT'S INCLUDED?

- ✓ 4 READING TASKS
- ✓ CASE FILE DOSSIER
- ✓ ANSWER KEY
- ✓ SET UP INSTRUCTIONS
- ✓ PROPS AND SIGNS



WHAT ARE THE TASKS?

TASK 1: FILL IN THE BLANK EARN THIS!

Directions: Use the words below to fill in the reading.

ion	chemist	elements
electrons	1869	three
positively	Greek	tiny

Atoms are _____ particles and the basic building blocks for all matter (solid, liquid, gas). There are many types of atoms, each one with its own name, formula, mass, and size. These different types of atoms are called elements. Different combinations of _____ determine what substance or matter will form. When two or more atoms join together, they create a _____.

TASK 2: FIND & FIX EARN THIS!

Read the INCORRECT statements and FIX the underlined errors on the line below. Rewrite the sentence to make it a CORRECT statement.

1. Scientists measure the size of atoms in decibels. _____

6. If one atom takes or gives the other atom an electron, it is a covalent bond. _____

2. The word atom comes from the word _____.

7. There are 193 elements listed on the periodic table. _____

TASK 3: TRUE OR FALSE EARN THIS!

Directions: Answer each question below by coloring in the box of the TRUE statements. Next, unscramble the word using the large bold letters of only the TRUE statements.

Molecules can be composed of different types of atoms, or elements. S	Scientists measure the size of atoms in megahertz. B	Elements are a way of categorizing atoms by their properties. M	Sodium has eleven protons. I
Atoms consist of five basic particles. G	Some elements, like neon, have an atom that does not attach to another atom. T	A solid has tightly packed atoms that vibrate against each other. C	An atom with more electrons is positively charged. F

TASK 4: MAIN IDEA EARN THIS!

Main Idea #1 _____

Supporting Detail #1 _____

Supporting Detail #2 _____

Supporting Detail #3 _____

✓ Task 1: Cloze Reading -
Fill in the blank

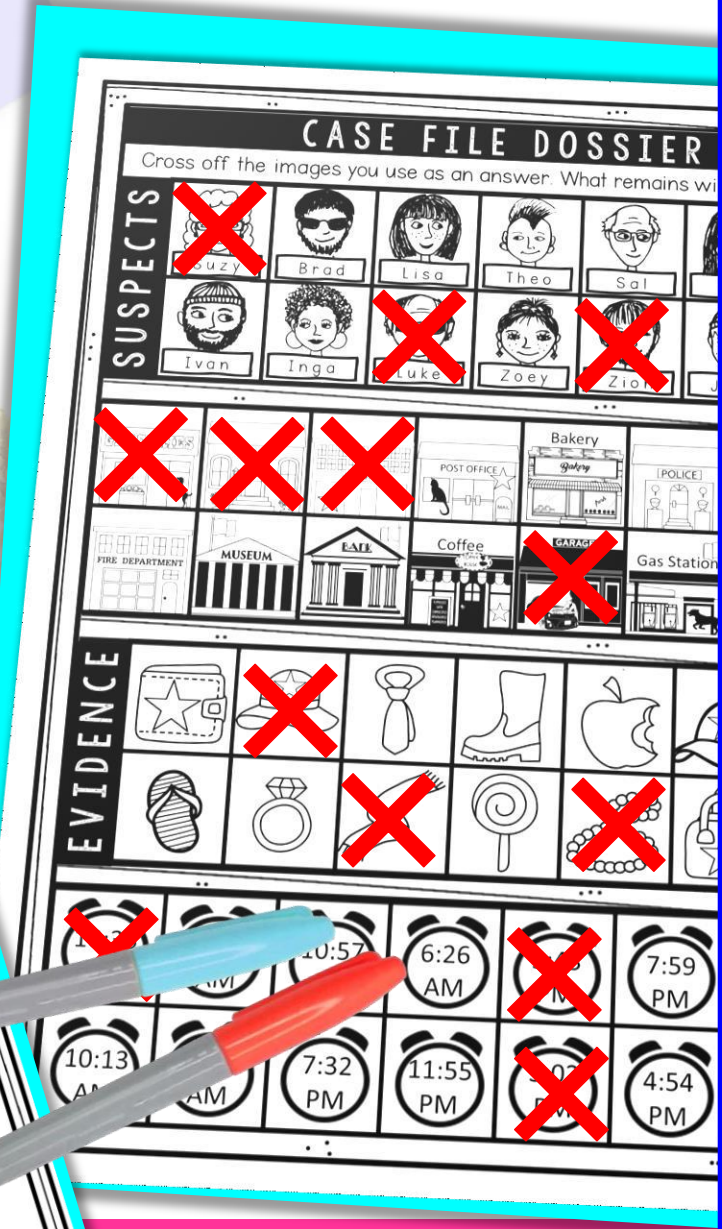
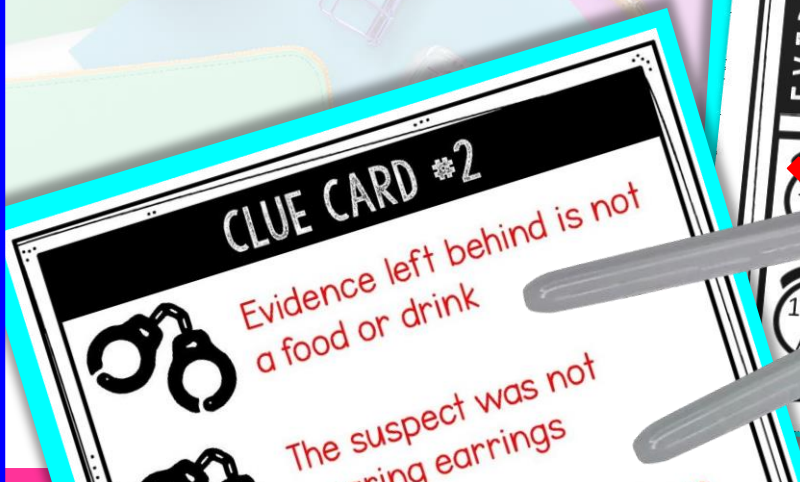
✓ Task 2: Find and Fix -
Fix incorrect statements

✓ Task 3: True or False -
Unscramble the secret word

✓ Task 4: Main Idea -
Supporting details

ELIMINATE EVIDENCE

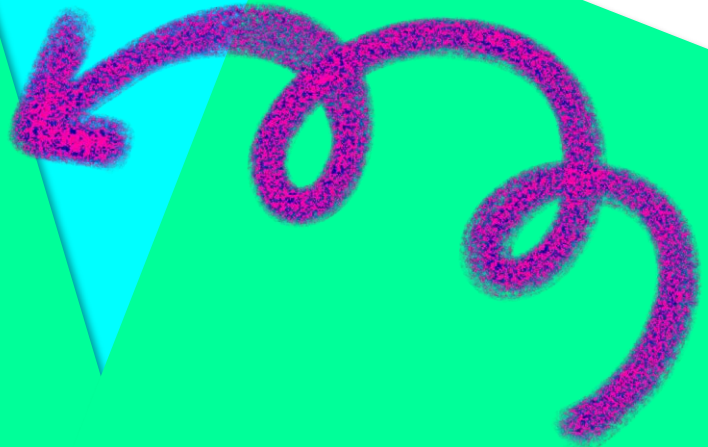
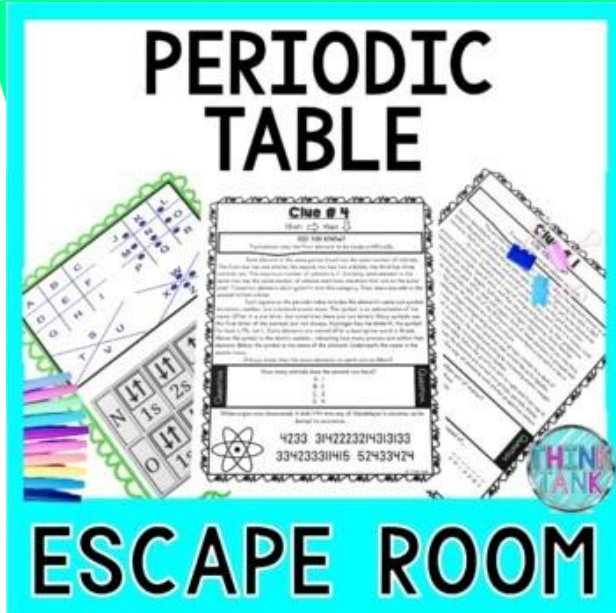
After completing each "task" students will earn a "CLUE CARD" to help them eliminate suspects and evidence.



FUN PROPS



YOU MAY LIKE



CLICK THE IMAGE TO
SEE WHAT'S INSIDE!

The Periodic Table Escape Room will take students on a secret mission around the classroom! This escape room has students decode interesting facts about the periodic table, elements, atoms, and atomic numbers.