

# ABOUT THIS PACKET

Each reading passage in this packet allows students to work on comprehension skills after reading the passage several times searching for evidence.

## OVERVIEW

### THE CASE

Read the case aloud to your students so they understand the mission.

### QUESTIONS

There are 18 questions to be answered by reading the passage and marking the text evidence.

### CLUES

After answering each question, the students will **erase** their answer choice on their answer sheet. After all questions have been answered, the suspect, evidence, and location will be revealed.

### GRADE LEVEL

### RANGE

4

BEGINNING

4

MIDDLE

5

BEGINNING

5

MIDDLE

5

END

6

BEGINNING

6

MIDDLE

6

END

7

BEGINNING

# HUMAN BODY SYSTEMS

The human body is made up of cells, tissues, organs, and systems that work together to keep everything functioning. There are a total of eleven systems in the human body, the circulatory, respiratory, immune, skeletal, excretory, urinary, muscular, endocrine, digestive, reproductive, and nervous system.

The skeletal system is the bones, ligaments, and tendons. Tendons attach bones to muscles so they can move. Ligaments attach bones to other bones. When a person is born, they start out with about 300 bones. However, as they get older, some bones fuse together (connect) and as an adult, a person has 206 bones. The bones in a human body have two parts; the axial bones and appendicular skeleton. The axial has 80 bones, and they help keep a person upright. The appendicular skeleton is 126 bones, and they protect the major organs, such as your heart or lungs.

The muscular system works with the skeletal system to move the bones of the body. Some muscles, like the heart, move involuntarily but other muscles work on command. Skeletal muscles help us move around. Smooth muscles control organs within our body. The cardiac muscle pumps the heart and blood through our body. Muscles make our eyes move, make the food travel down the digestive tract, and make the heart pump.

The nervous system sends messages to and from the brain and other parts of the body. There are two main types of nerves; motor nerves and sensory nerves. There are also two types of messages; voluntary and involuntary.

The circulatory system, also known as the cardiovascular system, is particularly important because it keeps the body's organs flowing. Blood is needed to give your body oxygen and nutrients. The system consists of the heart, blood, and blood vessels that work together to support the

3 There are \_\_\_\_\_ steps within the digestive system.



2



7



5



8

4 Which system includes the bones, ligaments, and tendons?



Skeletal



Endocrine



Cardiovascular



Respiratory

5 Which system makes hormones that help regulate the other body systems?



Respiratory



Urinary



Integumentary



Endocrine

6 What is the main artery leaving the heart called?



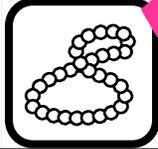
Alveoli



Aorta



Pharynx



Trachea

7

What carries used food back to the



Endocrine



Muscle



Arteries



Veins

8

How many bones does the axial have?



126



98



91



80

9

There are two types of nerves; motor nerves and \_\_\_\_\_ nerves.



Smooth



Sensory



Axial



Larynx

10

What is the \_\_\_\_\_ also known as?



Larynx



Trachea



Pharynx



Vocal cords

# CASE FILE

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

SUSPECTS



LOCATION



EVIDENCE



CONGRATULATIONS

YOU SOLVED  
THE CASE!



LEAD DETECTIVE NAME:

\_\_\_\_\_

CONGRATULATIONS

YOU SOLVED  
THE CASE!



LEAD DETECTIVE NAME:

\_\_\_\_\_



# SPARK SOME

# *creativity*

**ESCAPE  
ROOMS**

**SCAVENGER  
HUNTS**

**SPY  
MYSTERY**

**TEXT  
DETECTIVE**

**SECRET  
MESSAGES**

**THINKTIVITY**

**BREAKOUTS**

**READING  
CHALLENGE**

**INTERACTIVE  
NOTEBOOK**

**DIGITAL  
ESCAPES**

**DIGITAL  
BOARD  
GAME**

**COLOR BY  
NUMBER**

**TASK  
CARDS  
GAME**

**GOOGLE  
SLIDES**

**GOOGLE  
FORMS**

**PUZZLE  
STATIONS**

**BOOM  
CARDS**

**BLOG**