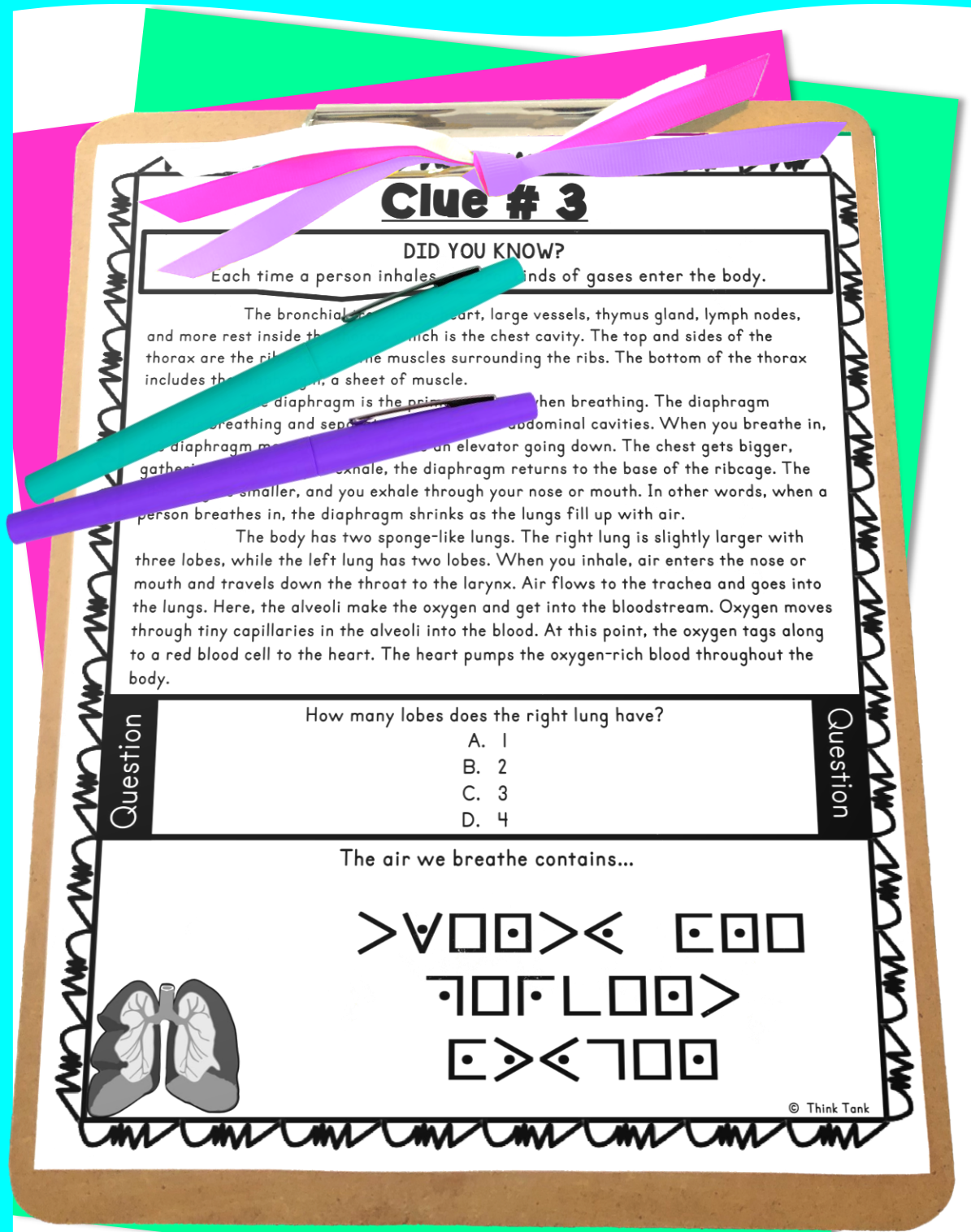
PRINT & GO!

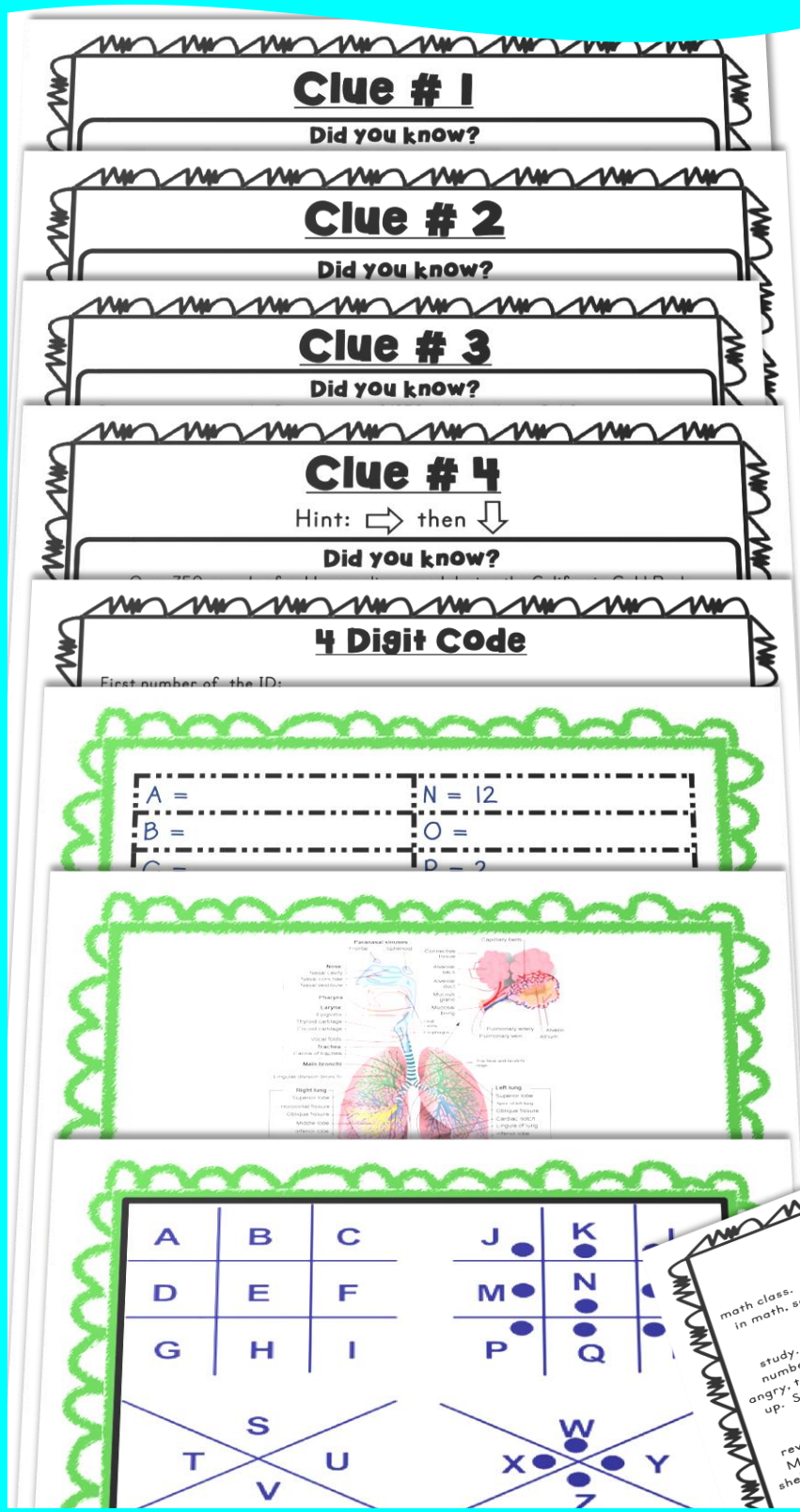


1 READ THE PASSAGE

2 ANSWER QUESTIONS

3 DECODE PUZZLES

WHAT'S INCLUDED?



- ✔ 4 Half Page Passages
- ✔ 4 Puzzle Decoders
- ✔ Differentiated Version
- ✔ Completion Signs
- ✔ 10 Multiple Choice
- ✔ Teacher Answer Key
- ✔ Teacher Guide
- ✔ Puzzle Hints



4 PASSAGES

Clue # 1

DID YOU KNOW?

There are 300 to 600 alveoli in a lung.

All life forms need oxygen to survive. Oxygen is found in the air. Respiration is when you breathe in and out. Breathing in oxygen is called inhalation or inspiration. Exhalation or expiration is when you breathe out carbon dioxide. The respiratory system includes all of the organs that work together to allow the body to breathe. In addition to breathing, respiration enables us to talk, hiccup, cough, and sneeze. The respiratory system includes the nose, throat, voice box, wind pipe, and lungs.

Newborn babies breathe up to 44 times per minute. Adults breathe, on average, 16 times a minute. When sleeping, adults breathe 6 to 8 times per minute. These body parts make up the two tracts of the respiratory system:

Clue # 2

DID YOU KNOW?

The left lung is smaller to allow space for the heart.

First, air enters the body through the nose or mouth. The nose warms and cleans the air. Inside the nose are tiny hairs called cilia. The cilia filters out dust and particles that are in the air we breathe. Air proceeds to the pharynx at the back of the throat. Here there are two pathways:

-The esophagus carries food to the stomach

-The trachea (windpipe) carries air to the lungs

In the back of the throat the epiglottis is a tiny flap of cartilage that covers the air tract, so food does not go down the wrong pipe. This helps direct food and air to the proper "pipe." Wh

Clue # 3

DID YOU KNOW?

Each time a person inhales, several kinds of gases enter the body.

The bronchial tree, lungs, heart, large vessels, thymus gland, lymph nodes, and more rest inside the thorax, which is the chest cavity. The top and sides of the thorax are the rib cage and the muscles surrounding the ribs. The bottom of the thorax includes the diaphragm, a sheet of muscle.

The diaphragm is the primary mover when breathing. The diaphragm controls breathing and separates the chest and abdominal cavities. When you breathe in, the diaphragm moves downward, like an elevator going down. The chest gets bigger, gathering air. When you exhale, the diaphragm returns to the base of the ribcage. The ribcage gets smaller, and you exhale through your nose or mouth. In other words, when a person breathes in, the diaphragm shrinks as the lungs fill up with air.

The body has two sponge-like lungs. The right lung is slightly larger with three lobes, while the left lung has two lobes. When you inhale, air goes into mouth and travels down the throat to the lungs. Here, the oxygen moves into the blood. At this point, the oxygen tags along the blood cell to the heart. The heart pumps the oxygen-rich blood throughout the

Question

How many lobes does the right lung have?

A. 2
B. 3
C. 4
D. 5

The air we breathe contains...

Clue # 4

Hint: ⇨ then ⇩

DID YOU KNOW?

The end of the trachea is located between the two lungs.

When you exhale, everything is the opposite. The oxygen is now used, and it's time to remove the carbon dioxide. Carbon dioxide follows this path to leave the body: bloodstream, capillaries, alveoli, bronchioles, bronchi, lungs, Trachea, nose or mouth.

Sometimes b... challenging. Asthma occurs when airways narrow and swell and often produce ... Asthma can make breathing difficult and result in coughing, wheezing whe... and shortness of breath.

Colds and flu happen when g... tions in the nose and throat. Other respiratory issues can occur:

Bronchitis is a swelling of the bronchi.

Pneumonia is an infection in the lungs.

Tuberculosis, emphysema, and lung cancer are all diseases affecting the l...

Oxygen is critical for health and survival. Keep your lungs pink and healthy by avoi... smoking. Exercising and deep breathing keeps the lungs in shape.

Question

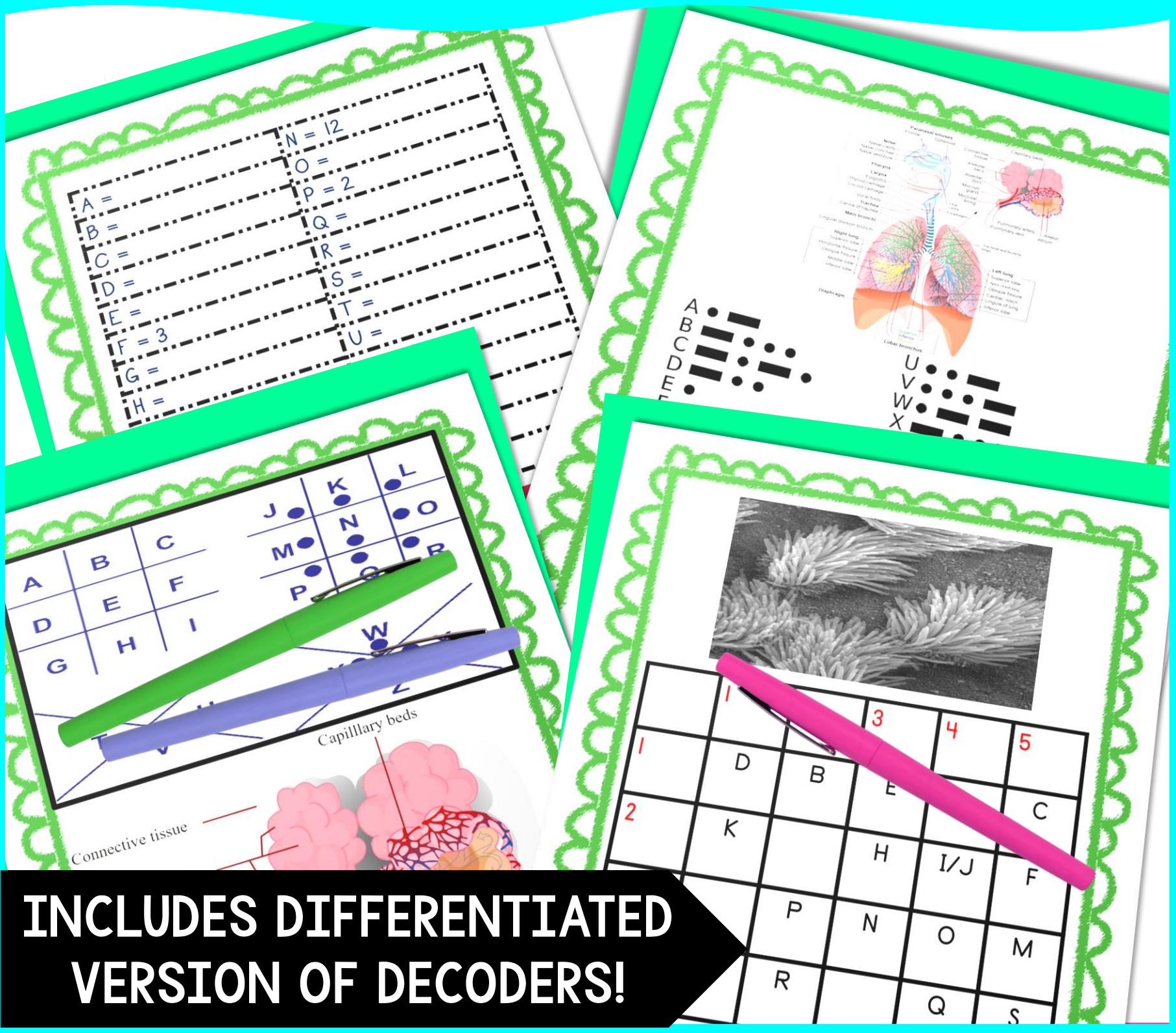
What is swelling of the bronchi called?

A. Bronchitis
B. Exhalation
C. Tuberculosis
D. Emphysema

On average, every 60 seconds a person...

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143242241431313 2342331451

4 DECODERS



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