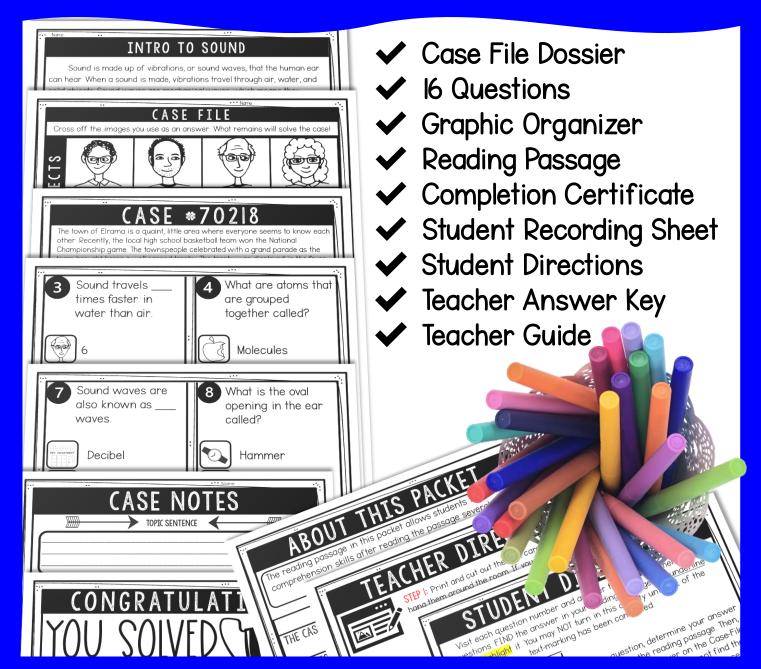
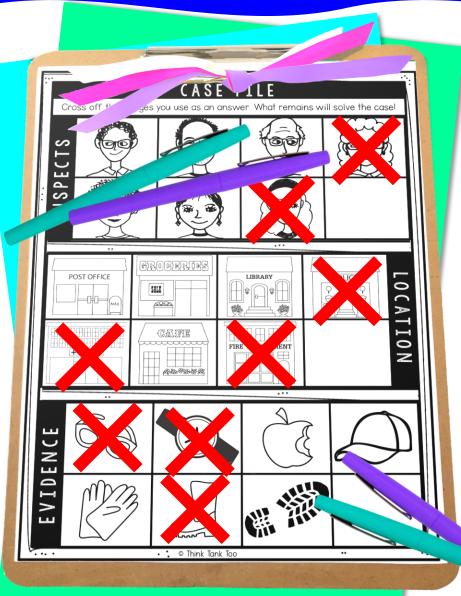
WHAT'S INCLUDED?



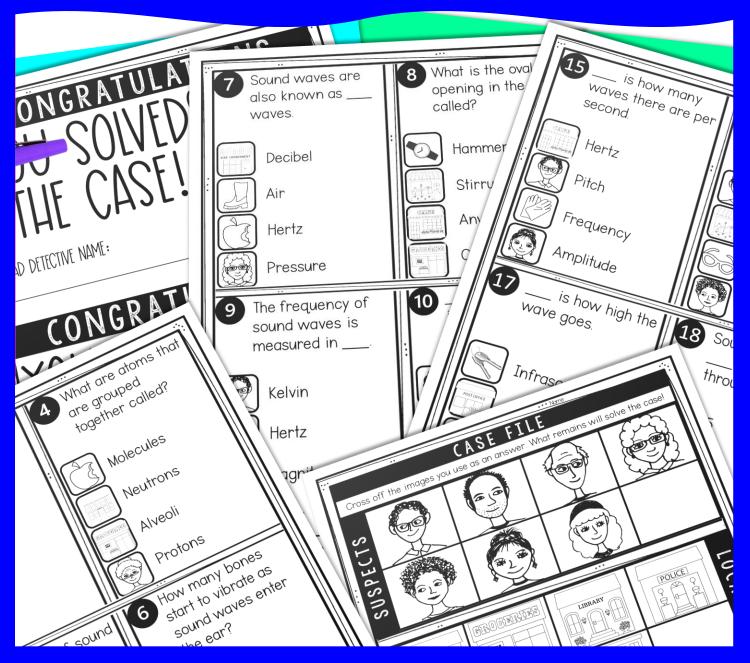
CASE DOSSIER



As students answer each question, they will eliminate suspects, locations, and evidence.



18 QUESTIONS



MARKJING

INTRO TO SOUND

Sound is made up of vibrations, or sound waves, that the human ear

can hear. When a sound is made s travel through air, water, and solid objects. Sound waves unical waves, which means they cannot travel through sounds in outer ere is a movement of matter (solid, apping of a pencil. When the pencil hits the desk, wies (atoms that are grouped together) begin to vibrate and

bounce off one another. The air molecules cause other molecules around them to vibrate as well. As they continue to vibrate and travel, the sound will also travel

Properties of sound include pitch, speed, and loudness. The sound waves (also known as pressure waves) come in different shapes and sizes which determine the kind of sound that is heard. The wave can be tall and narrow or low and wide. The shape and size of each wave determines what kind of sound it will make. Decibels (dB) is the unit of intensity used to measure of the loudness of ounds. Lower decibels mean low and sof sounds and a high decibel very loud sound. Frequency is how many d. Higher frequency means the vibrations are waves there are per se note of sound is higher. Pitch is the quality of a faster and the sound ba me vibrations. Amplitude is how high the moner, the sound is louder. Finally, siance of the wave or the length of the sound. afferently through different matter. The seed of sound low fast sound moves through the matter. For example weeks an air and it travels the fastest through (ly in water, slow molecules are in the matter. Air molecules and has molecules that are closer together, and

After answering each question, students will find evidence in the text to support their answer.

