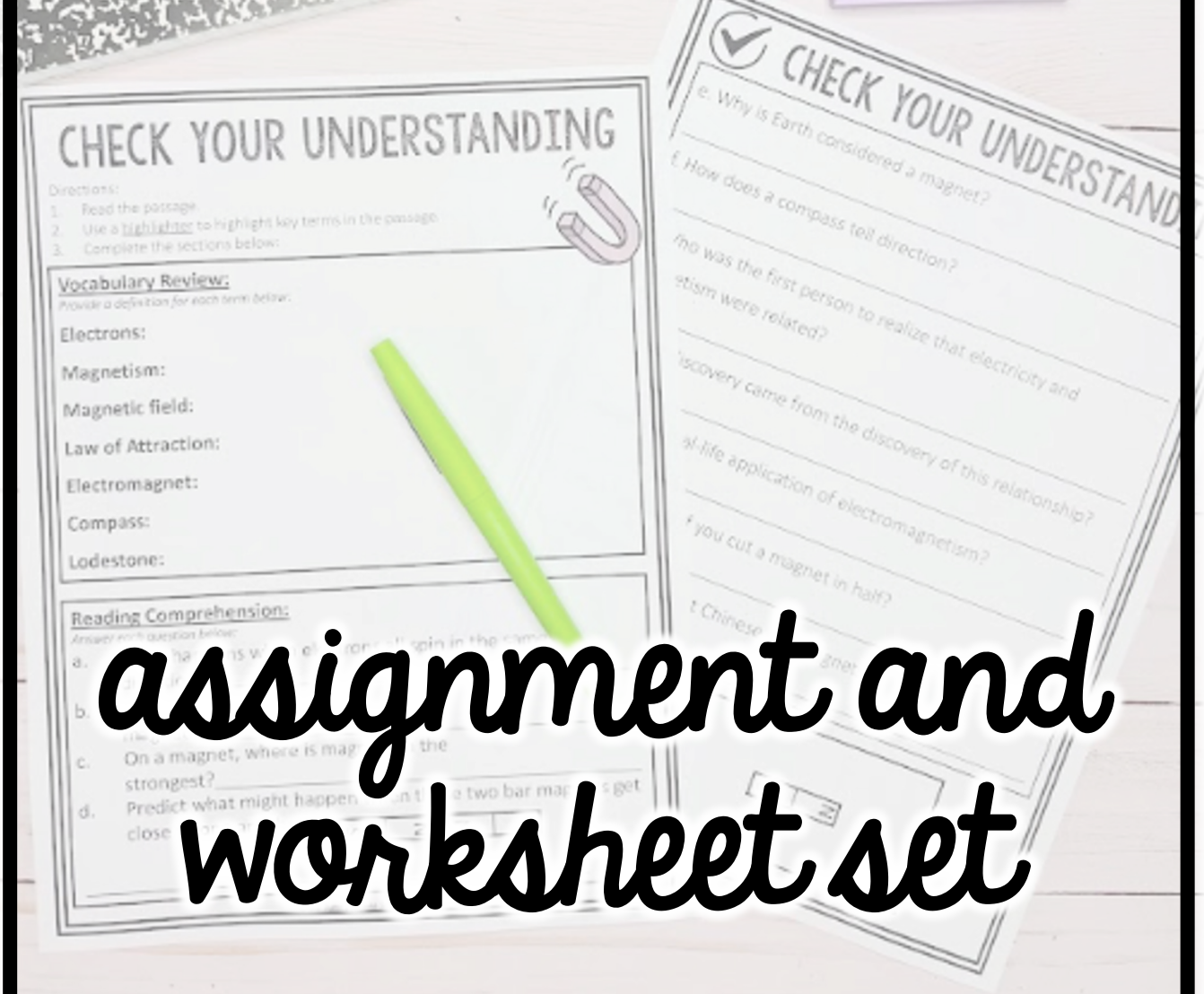
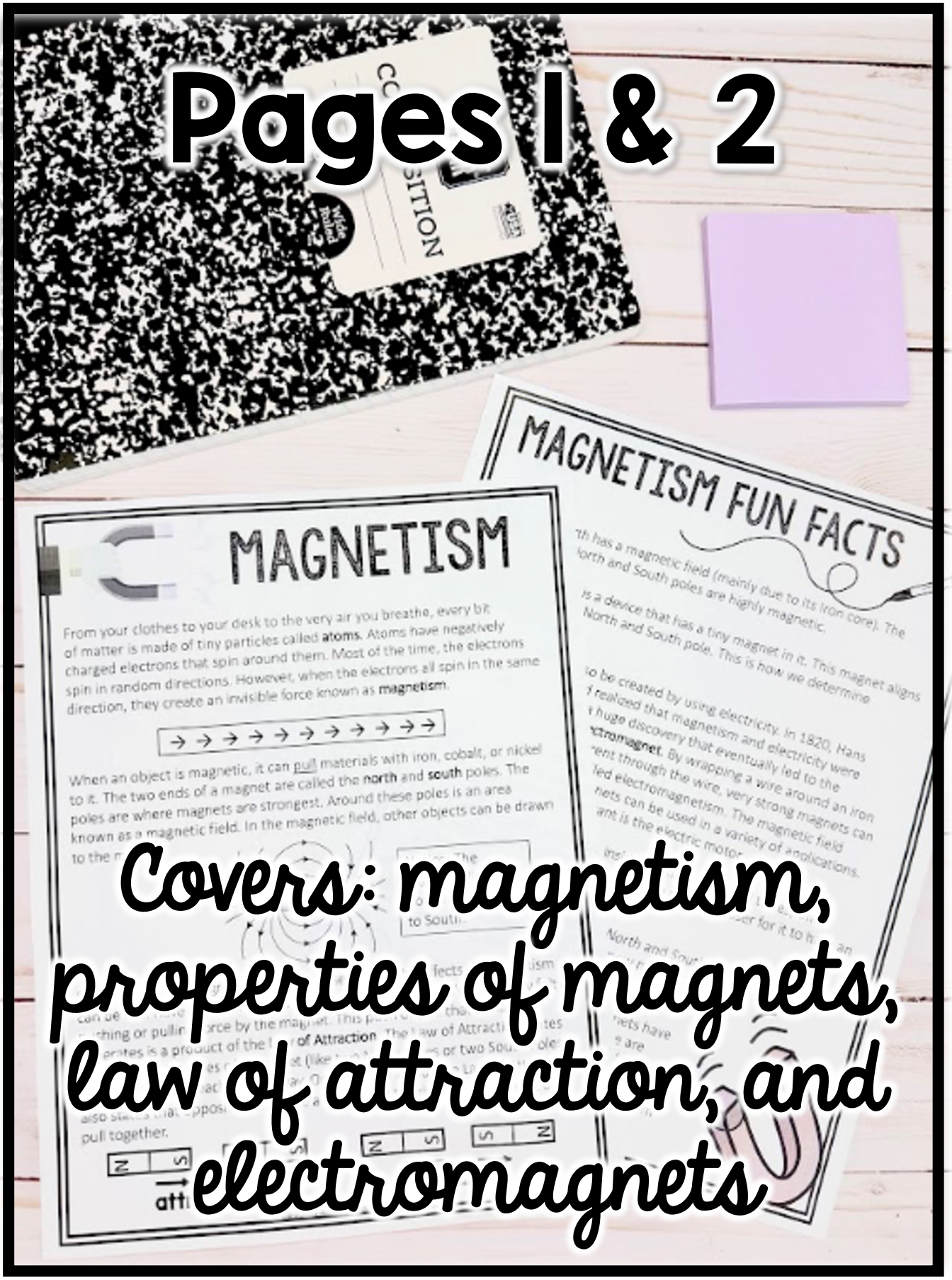
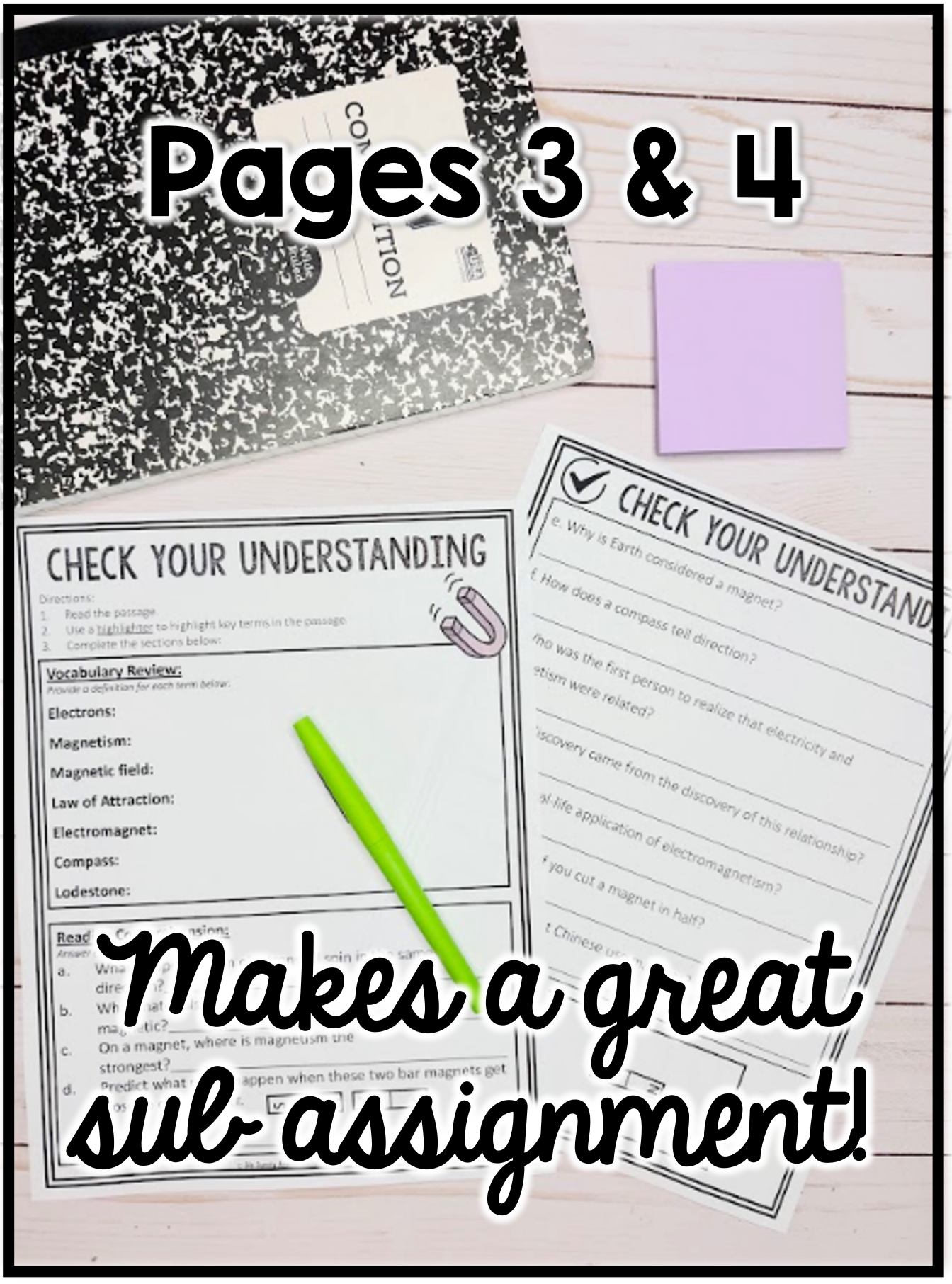
MAGNETISM CLOSE READING

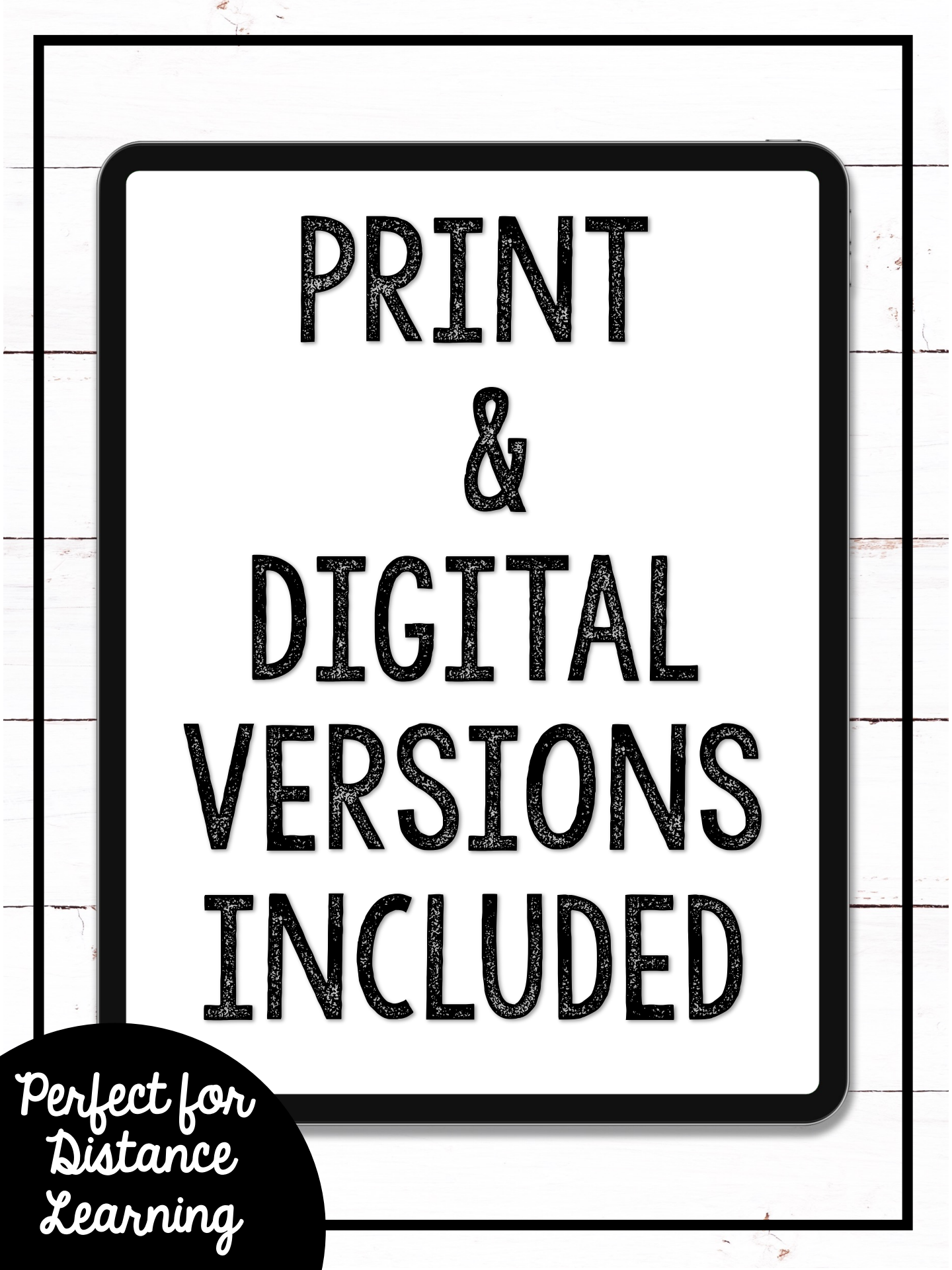


assignment and worksheet set

Pages 1 & 2


MAGNETISM
From your clothes to your desk to the very air you breathe, every bit of matter is made of tiny particles called atoms. Atoms have negatively charged electrons that spin around them. Most of the time, the electrons spin in random directions. However, when the electrons all spin in the same direction, they create an invisible force known as magnetism.
When an object is magnetic, it can pull materials with iron, cobalt, or nickel to it. The two ends of a magnet are called the north and south poles. The poles are where magnets are strongest. Around these poles is an area known as a magnetic field. In the magnetic field, other objects can be drawn to the
MAGNETISM FUN FACTS
to be created by using electricity. In 1820, Hans realized that magnetism and electricity were huge discovery that eventually led to the ctromagnet. By wrapping a wire around an iron ent through the wire, very strong magnets can led electromagnetism. The magnetic field nets can be used in a variety of applications. ant is the electric motor
Covers: magnetism, properties of magnets, law of attraction, and electromagnets


Pages 3 & 4
CHECK YOUR UNDERSTANDING
Directions:
1. Read the passage.
2. Use a highlighter to highlight key terms in the passage.
3. Complete the sections below:
Vocabulary Review:
Provide a definition for each term below.
Electrons:
Magnetism:
Magnetic field:
Law of Attraction:
Electromagnet:
Compass:
Lodestone:
CHECK YOUR UNDERSTAND
Makes a great sub-assignment!


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&
DIGITAL
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INCLUDED
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Distance
Learning