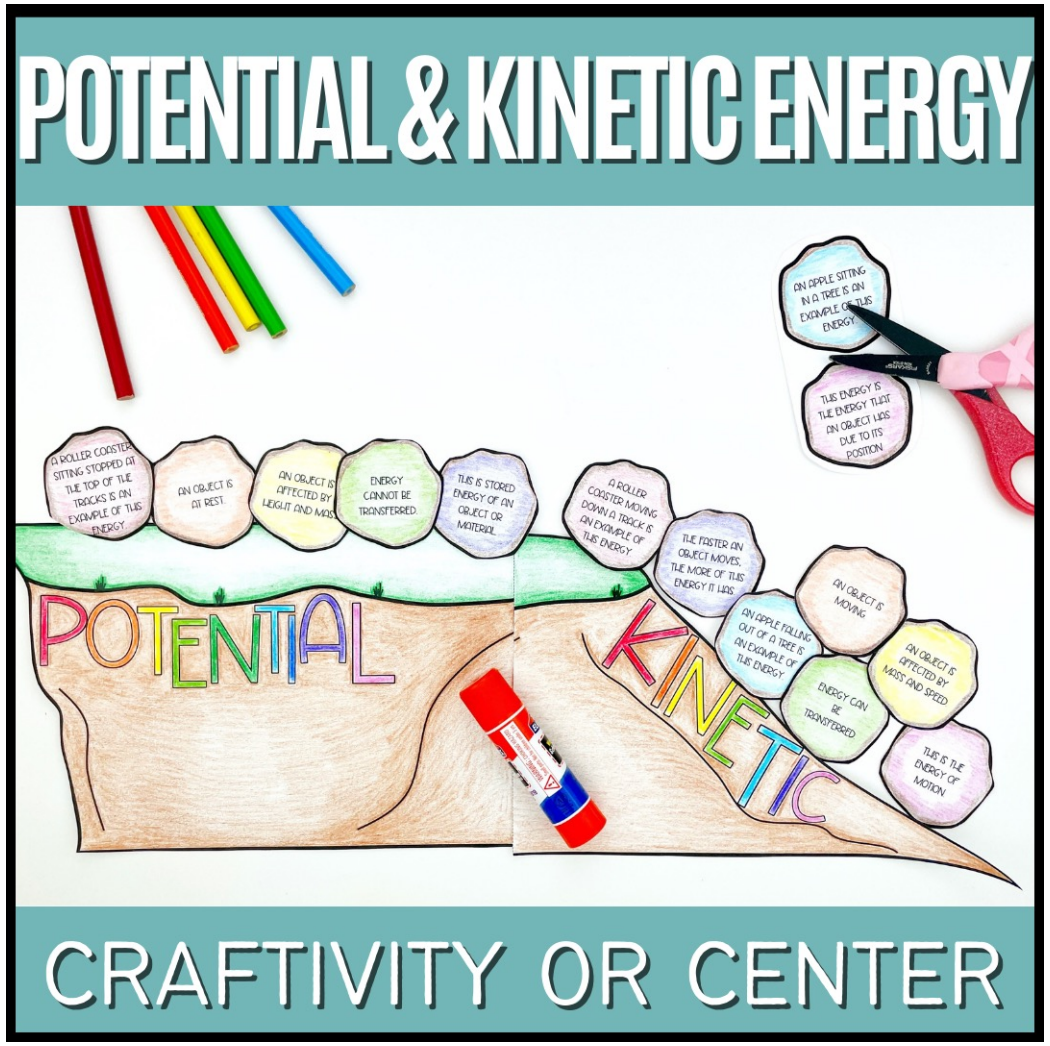
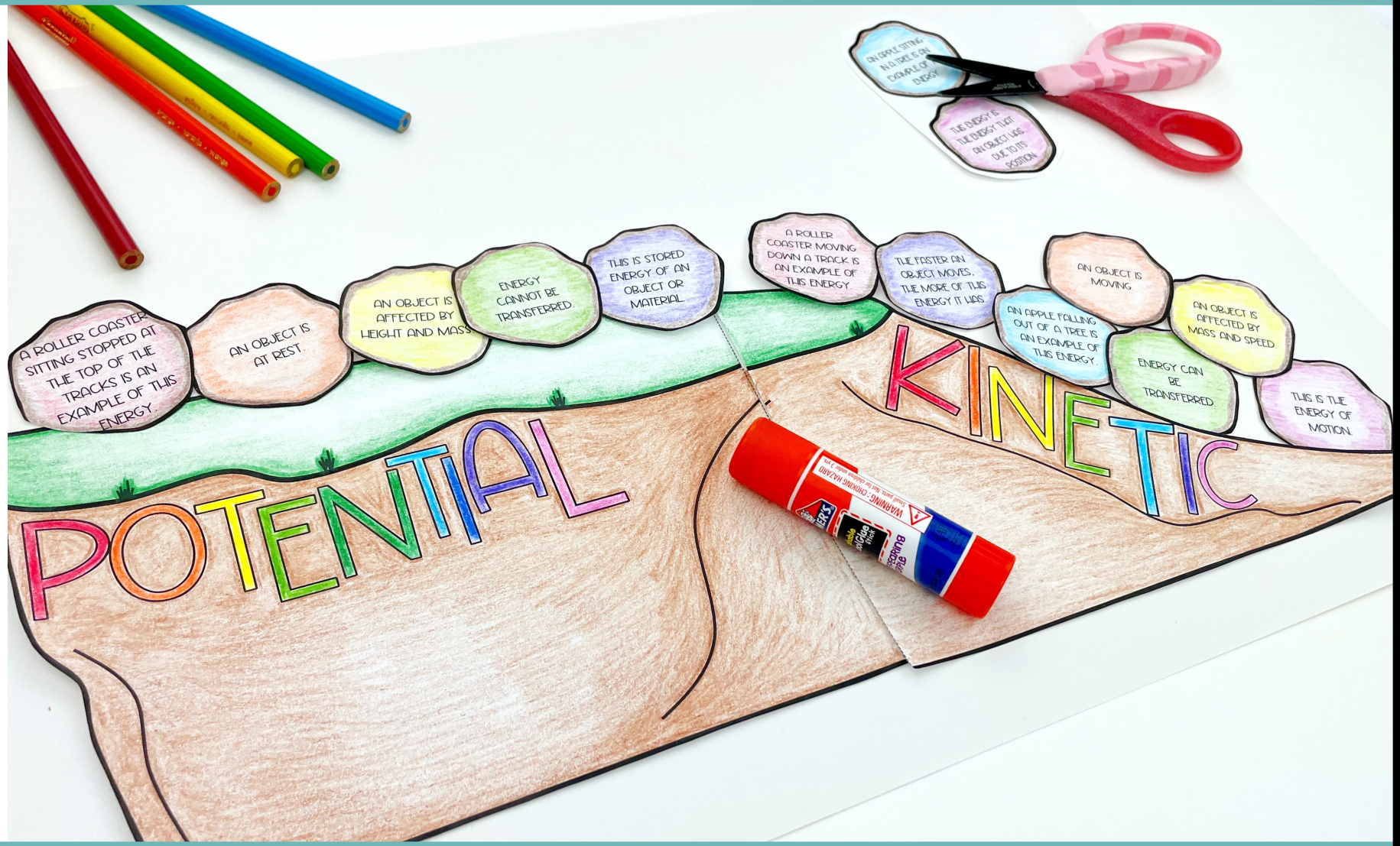
POTENTIAL & KINETIC ENERGY CRAFTIVITY OR CENTER



DETERMINE IF YOUR UPPER ELEMENTARY STUDENTS UNDERSTAND THE DIFFERENCE BETWEEN POTENTIAL AND KINETIC ENERGY WITH THIS ENGAGING PHYSICAL SCIENCE SORT THAT'S PERFECT AS A CRAFTIVITY OR SCIENCE CENTER!

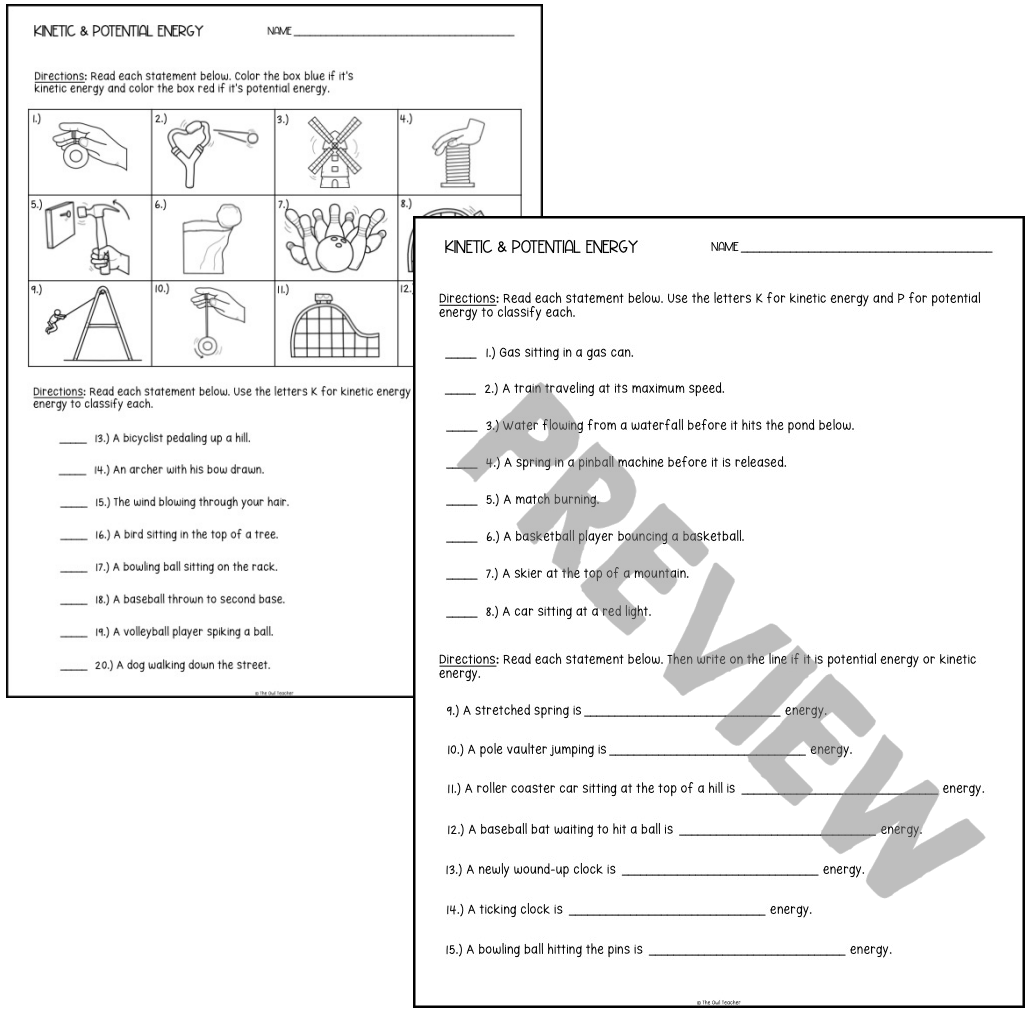
CONCEPTS COVERED

- ✓ CHARACTERISTICS RELATED TO POTENTIAL ENERGY
- ✓ CHARACTERISTICS RELATED TO KINETIC ENERGY



WHY YOU AND YOUR STUDENTS WILL LOVE THIS RESOURCE

- ✓ COLOR VERSION THAT CAN BE LAMINATED SO THAT IT CAN BE PLACED IN A CENTER AND REUSED YEAR AFTER YEAR
- ✓ A DIGITAL VERSION SO THAT YOU CAN HAVE STUDENTS COMPLETE THE ACTIVITY FROM ANY LOCATION
- ✓ PRACTICE SHEETS SO THAT YOU CAN RETEACH AND REVIEW IMPORTANT CONCEPTS



KINETIC & POTENTIAL ENERGY NAME _____

Directions: Read each statement below. Color the box blue if it's kinetic energy and color the box red if it's potential energy.

1.) 2.) 3.) 4.)
5.) 6.) 7.) 8.)
9.) 10.) 11.) 12.

Directions: Read each statement below. Use the letters K for kinetic energy and P for potential energy to classify each.

____ 13.) A bicyclist pedaling up a hill.
____ 14.) An archer with his bow drawn.
____ 15.) The wind blowing through your hair.
____ 16.) A bird sitting in the top of a tree.
____ 17.) A bowling ball sitting on the rack.
____ 18.) A baseball thrown to second base.
____ 19.) A volleyball player spiking a ball.
____ 20.) A dog walking down the street.

KINETIC & POTENTIAL ENERGY NAME _____

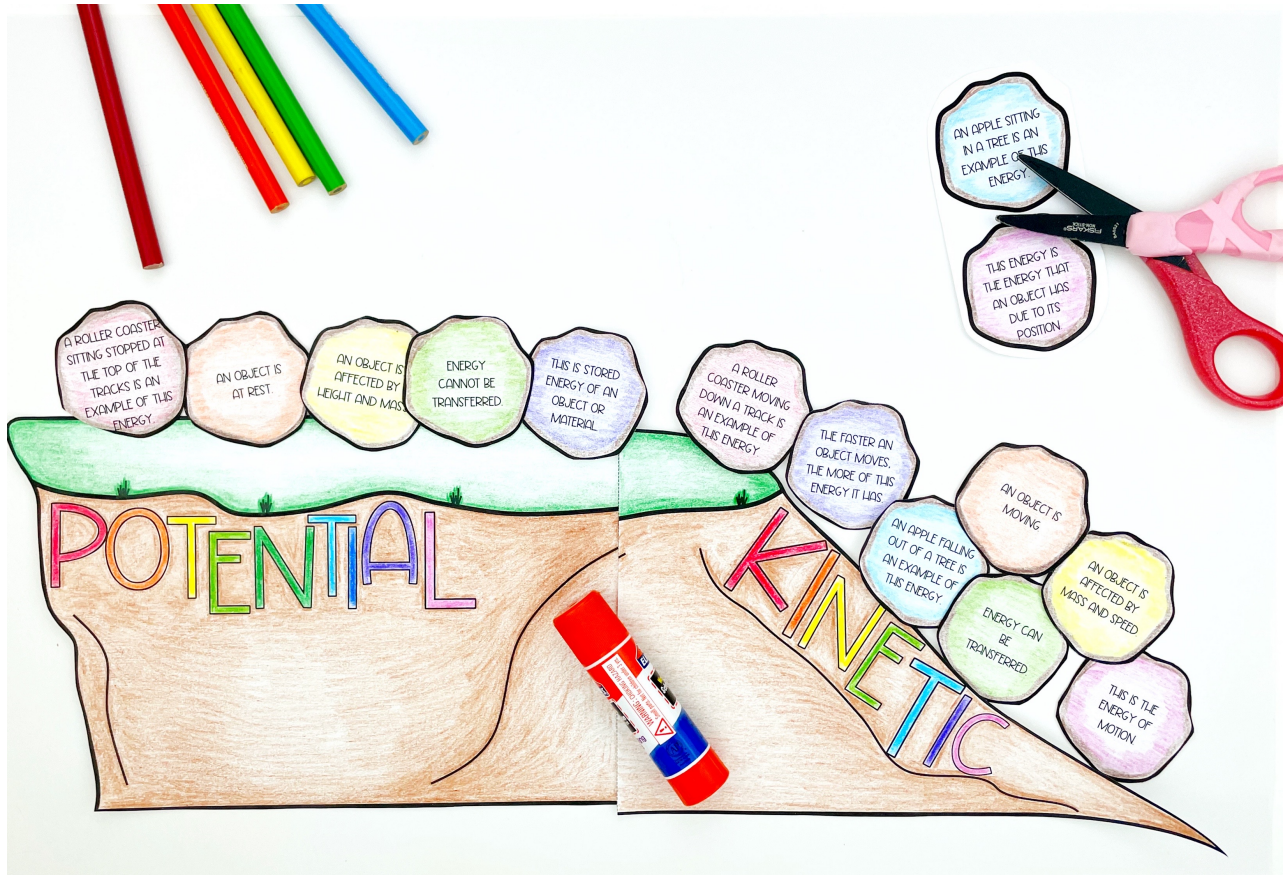
Directions: Read each statement below. Use the letters K for kinetic energy and P for potential energy to classify each.

____ 1.) Gas sitting in a gas can.
____ 2.) A train traveling at its maximum speed.
____ 3.) Water flowing from a waterfall before it hits the pond below.
____ 4.) A spring in a pinball machine before it is released.
____ 5.) A match burning.
____ 6.) A basketball player bouncing a basketball.
____ 7.) A skier at the top of a mountain.
____ 8.) A car sitting at a red light.

Directions: Read each statement below. Then write on the line if it is potential energy or kinetic energy.

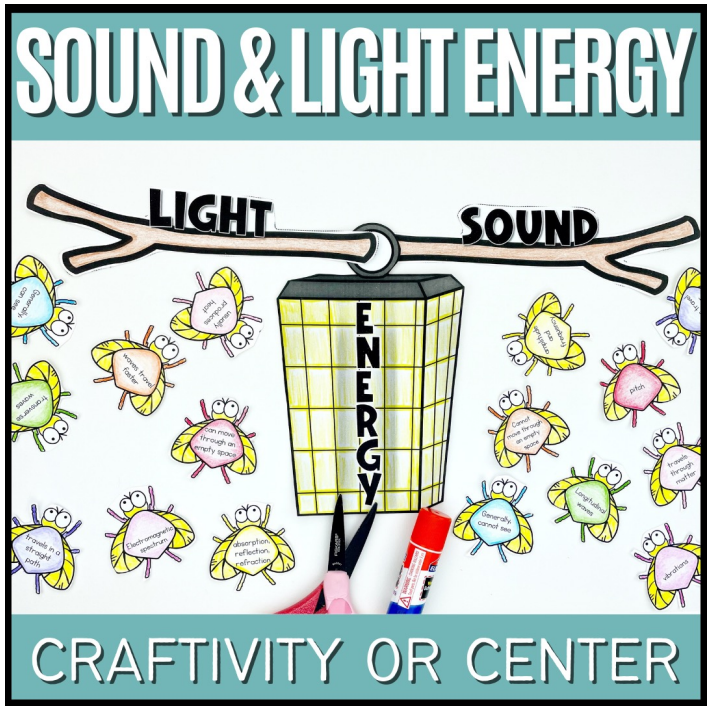
9.) A stretched spring is _____ energy.
10.) A pole vaulter jumping is _____ energy.
11.) A roller coaster car sitting at the top of a hill is _____ energy.
12.) A baseball bat waiting to hit a ball is _____ energy.
13.) A newly wound-up clock is _____ energy.
14.) A ticking clock is _____ energy.
15.) A bowling ball hitting the pins is _____ energy.

WHAT'S INCLUDED

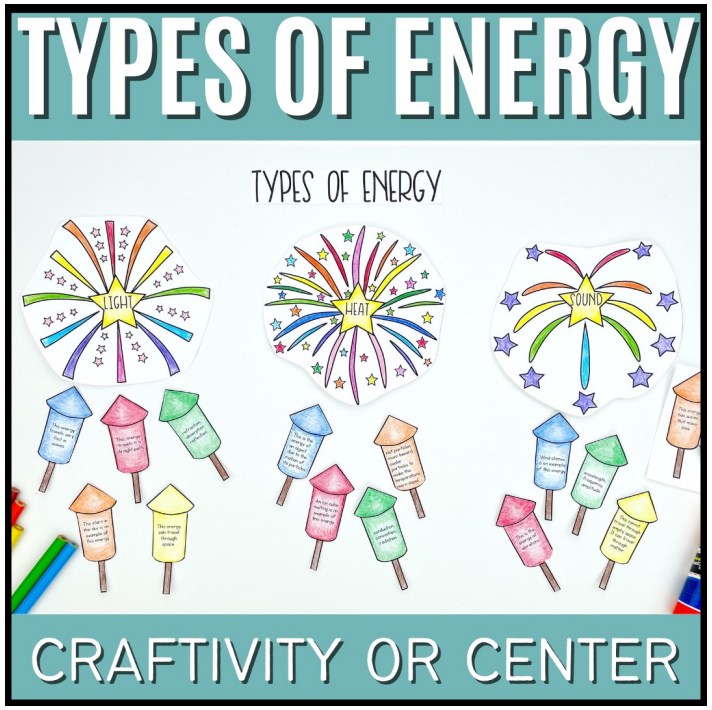


- POTENTIAL & KINETIC SORT
- DIGITAL VERSION
- PRINT & GO PRACTICE SHEETS
- COLORED VERSION FOR CENTER USE
- ANSWER KEY

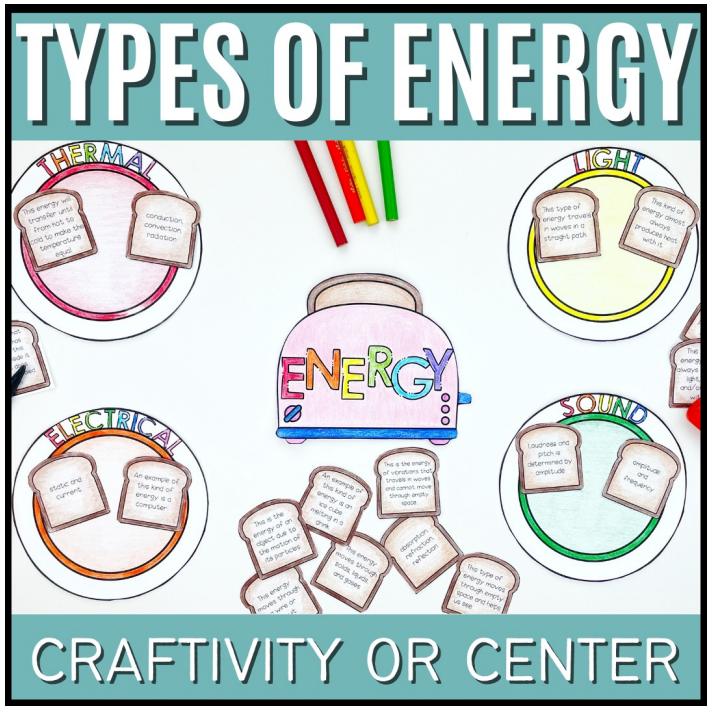
HAVE YOU SEEN THESE RESOURCES?



Sound & Light Energy
Center or Craftivity



Types of Energy
Center or Craftivity



Types of Energy
Center or Craftivity

CLICK ON ITS IMAGE TO CHECK THEM OUT!