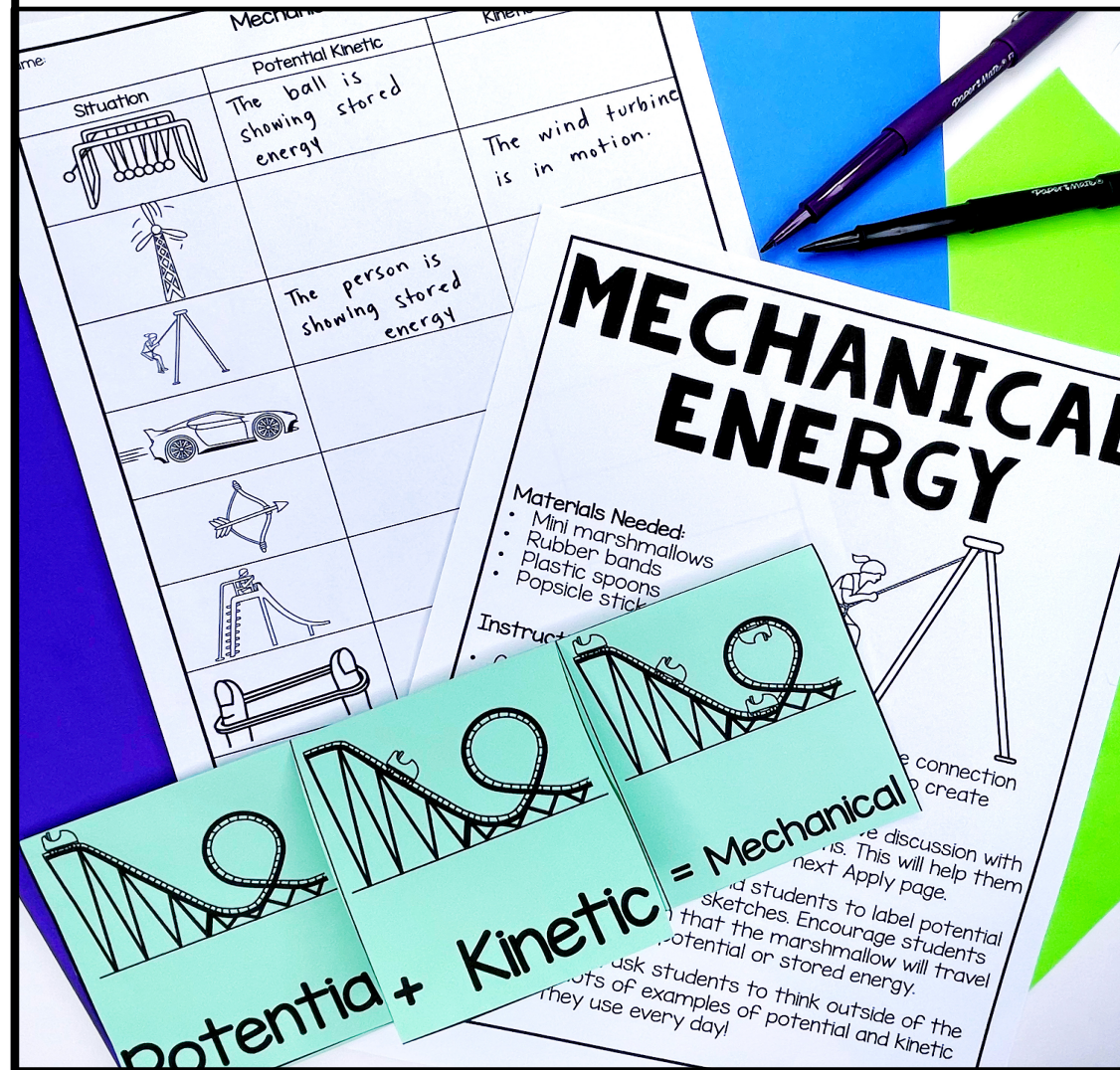


Struggling to find a hands-on way to teach mechanical energy?



Don't spend any more time planning, searching, or brainstorming. Everything you need is in this easy to use download!



Mechanical Energy

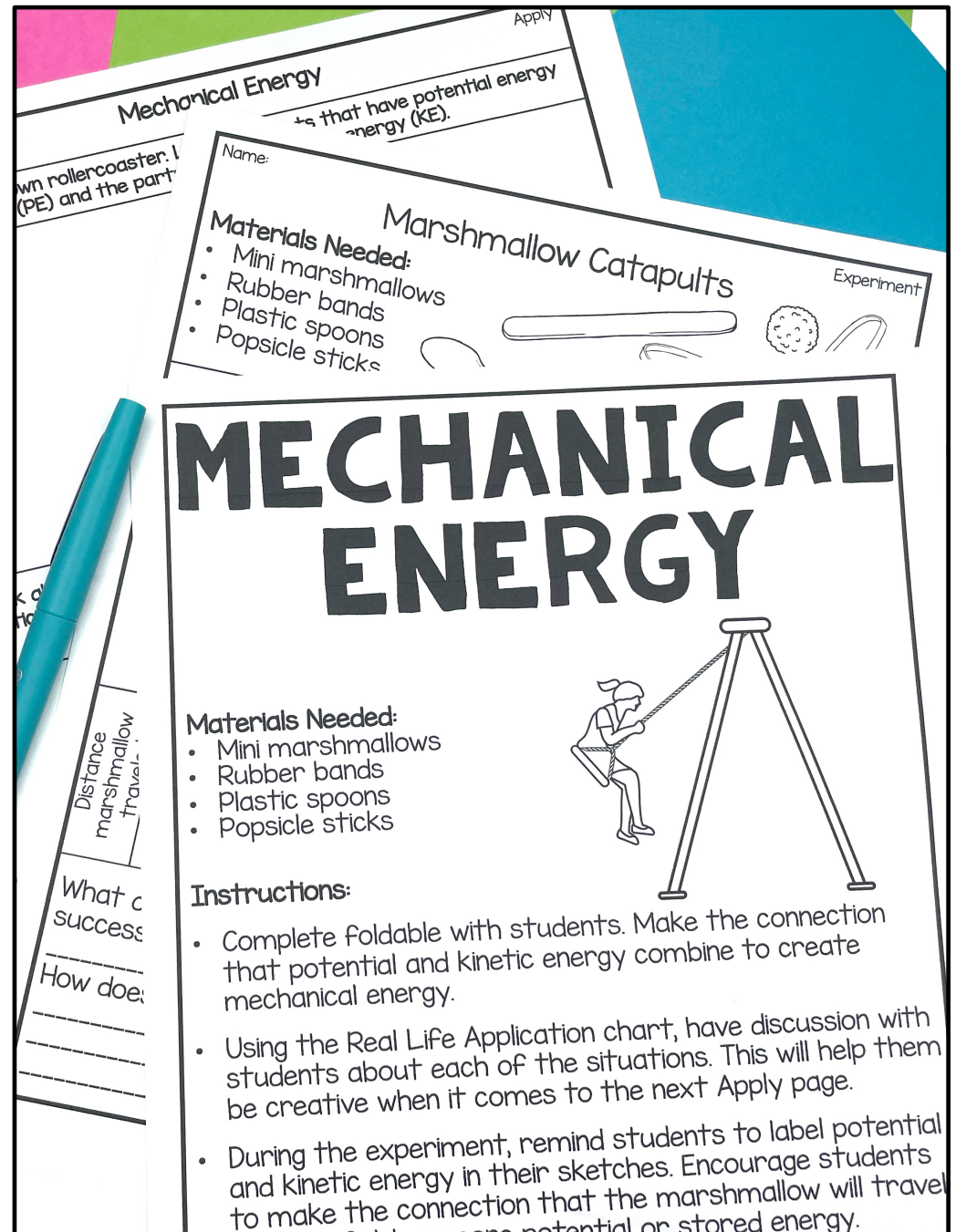
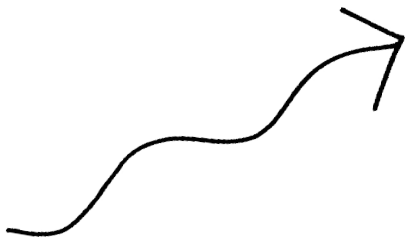
Includes:

- Teacher Directions
- Foldable Notes: Potential, Kinetic, Mechanical Energy
- Mechanical Energy Real World Application
- Marshmallow Catapults Experiment
- Design Your Own Rollercoaster
- 2 Exit Slip Options Available
- Mastery Tracking Sheet
- Answer Keys



Teacher Directions Pages

- Learning Goals
- Materials Needed
- Specific Directions for All Parts of Lesson



Foldable Notes



Potential + Kinetic = Mechanical

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STAINLESS
CHINA

Hands-On Investigations

Three hands-on investigation worksheets are shown, overlapping each other. The top worksheet is titled "Mechanical Energy" and includes a section for "Design your own rollercoast (PE) and the KE". The middle worksheet is titled "Marshmallow Catapults" and includes a section for "Materials Needed" (Mini marshmallows, Rubber bands, Plastic spoons, Popsicle sticks) and a table for recording "Design #1" and "Design #2" results. The bottom worksheet is titled "Think about some kinetic energy. L".

Mechanical Energy

Name: _____

Design your own rollercoast (PE) and the KE.

Label the parts that have potential energy (PE) and the parts that have kinetic energy (KE).

Apply

Think about some kinetic energy. L

Marshmallow Catapults

Name: _____

Experiment

Materials Needed:

- Mini marshmallows
- Rubber bands
- Plastic spoons
- Popsicle sticks

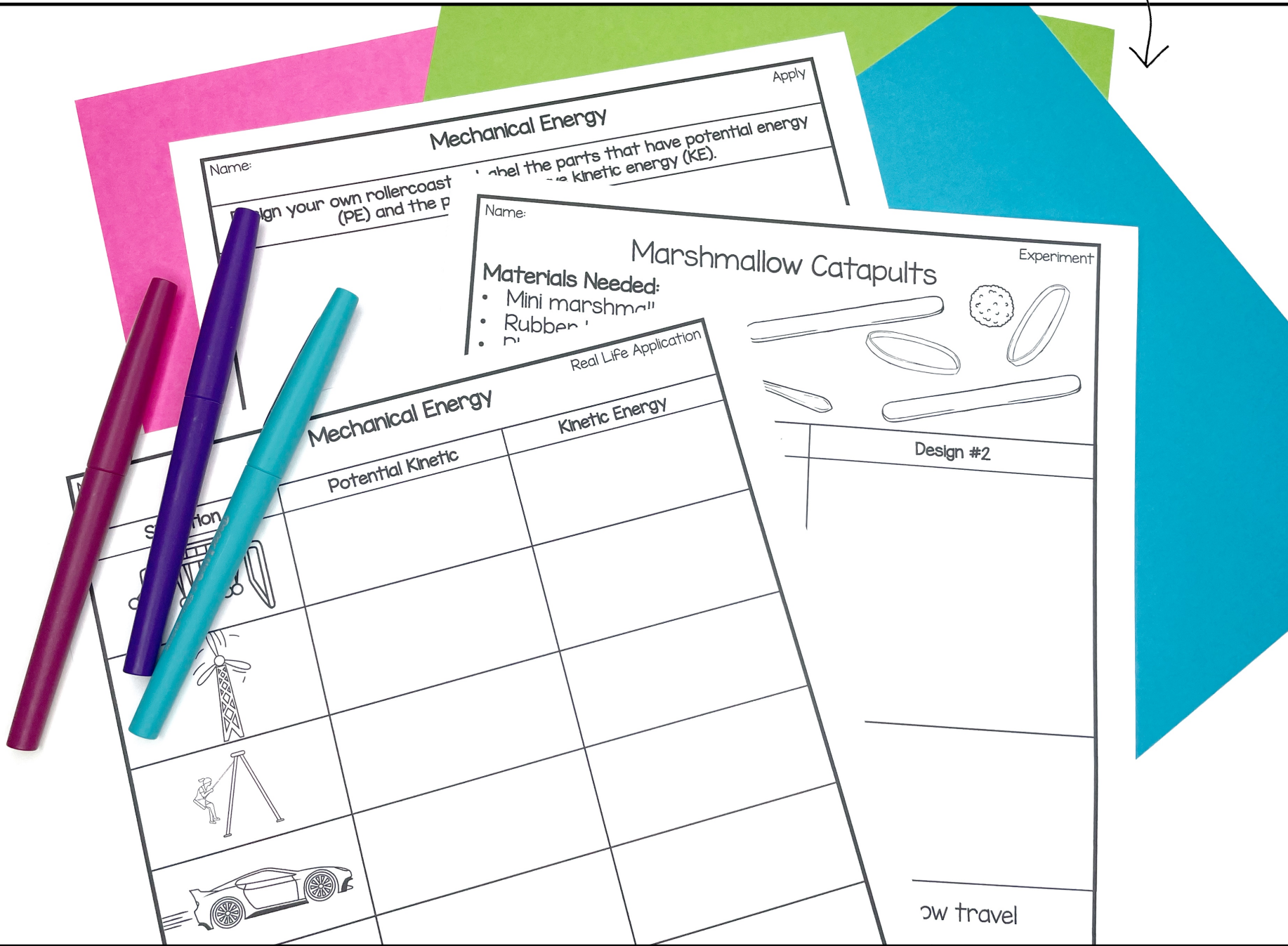
Sketch

	Design #1	Design #2
Sketch		
Distance marshmallow traveled	Trial 1:	Trial 1:
	Trial 2:	Trial 2:
	Trial 3:	Trial 3:

What about your design made the marshmallow travel successfully? _____

How does this experiment connect to mechanical energy? _____

Engaging Activities



[illegible]

BONUS: Includes a Mastery Checklist. You can easily keep track of students who need extra practice and students who are ready to move on to the next lesson in one easy place!