

Name: _____ Date: _____ Core: _____

Potential & Kinetic Energy Web Quest: TASK INFORMATION sheet. Please be thorough as you complete each task.

Process 1: Watch This!



Sketches: Demonstration #1:

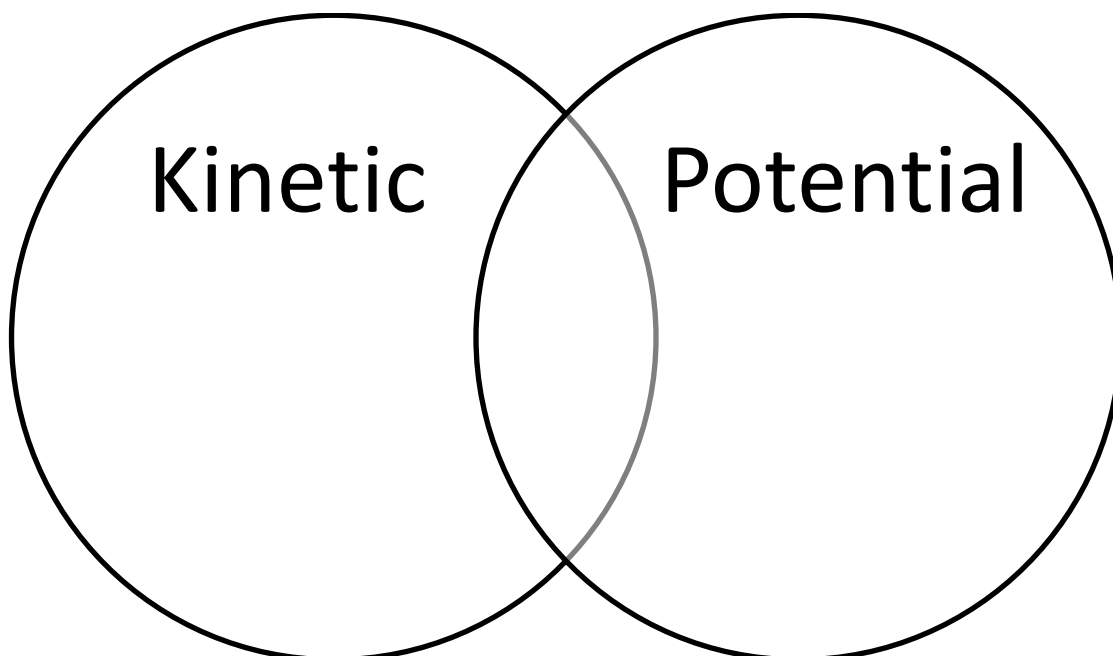
Demonstration #2:

Summarize: _____

Process 2: Try it!

Percentage: _____%

Process 3: Venn Diagram



Name: _____ **Date:** _____ **Core:** _____

Process 4: QUIZ TIME!

Process 5: Now I think that you are ready for the “Big League”!!!

Amount won from attempt #1: \$ _____

Amount won from attempt #2: \$ _____



Process 6: Roller Coaster...Weeeee!!!

What does a roller coaster have to do with energy?

At which point during the ride was the Potential Energy the greatest?

Which seat should you sit in on a roller coaster to get the best ride? EXPLAIN.

Process 7: Your Turn to Build a Coaster



Draw your roller coaster (remember to label Gravitational Potential Energy and Kinetic Energy)

What were your safety ratings?

What was your fun rating?

Tell whether or not your roller coaster passes safety inspections:

Name:_____ **Date:**_____ **Core:**_____

Summarize each step's explanation of your ratings:

Process 8: Potential vs. Kinetic Unit Review

Score: _____



Conclusion

Reflections...

Your final task is to write a summary of what you have learned through this webquest. Include ways that this webquest has helped you gain a better understanding of kinetic and potential energy.

[illegible]