

Mighty Mix-Up

Batteries use chemical energy to generate energy. Can we observe the change from potential to kinetic energy when we mix up chemicals?

The Mix-Up	Starting Temperature	Final Temperature	Observations
Vinegar and Baking Soda			
Baking Soda Solution and Calcium Chloride			

Conclusion

Did mixing the Baking Soda Solution and Calcium Chloride result in a change of energy? How do you know?

Key Words:

Energy: The ability of an object or living thing to do work.

Chemical: A substance that is made up of only one thing.

Potential Energy: Energy that is stored that can be used to do things.

Kinetic Energy: Energy that is being used to do things.