Lesson Five: Learn about Exothermic and Endothermic Reactions

Key Concept: The importance of this lesson is to give an introduction to what a happens when elements come together or break apart. This lesson will show one of the important attributes of a fuel cell is and how it works and what the benefits are.

Activity:

See what happens when we expose iron, water, activated carbon and salt to air? What happens when we mix ammonium nitrate and water?

Important words:

Composition

Exothermic

Endothermic



What happens here besides composition?

<u>Activity:</u> What happens when we expose iron, water, activated carbon and salt?

What kind of reaction happens?

What happens when we mix ammonium nitrate and water?

What kind of reaction happens?



Heat out to...



Heat in from...

Let's see if we can see this process Happen.

Some Questions:

What happens in an exothermic reaction?

How about an endothermic reaction?

What's important about a fuel cell?





End of Lesson Five