

Grade 2 Week 7

APPLE DOES A SLOW BURN

Oxidation is the name that chemists give the process by which oxygen combines with a material. Fire is an example of very rapid oxidation.

Materials: 2 apples
 lemon juice

Procedure:

1. Cut an apple in wedges and leave them exposed to the air for a day.
2. Check the apple wedges every few hours.
3. Record your observations.
4. Cut another apple in wedges and soak them in half cup of lemon juice for a half an hour.
5. Leave these apple wedges exposed to the air for a day.
6. Record your observations.
7. Compare the two apple wedges and write what you think happened in your conclusion.
8. Try this experiment with a white potato to see if you get the same result!

How it Works:

The lemon juice has a chemical in it that slows down the *oxidation* of the apple. Look up the word *oxidation* in the dictionary to understand the meaning.