

Science Experiment - Apple Oxidation

Step 1: Ask a Question What is the problem?

When the inside of an apple is open to the air. The air causes oxidation. It turns the apple brown.



Which is a good question to ask?  Choose one

A. Will lemon juice stop the oxidation (keep it from turning brown)?



OR

B. Will the apple taste good?



Step 2: Make a Hypothesis Guess what will happen when we put lemon juice on the apple.

PICK THE ONE YOU THINK WILL BE TRUE BY PUTTING AN "X" IN THE BOX:

The apple slice with lemon juice on it will oxidize (be brown).



OR

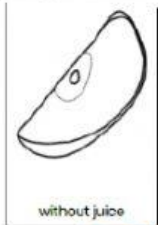
The apple slice with lemon juice on it will NOT oxidize (be brown).



Step 3: Do the Experiment



Step 4: Organize the Data



=  ☐ OR   ☐



=  ☐ OR   ☐

Step 5: Find the Conclusion – What did you learn from the experiment?

The lemon juice stopped the oxidation of the apple (keep it from turning brown).

 →  =   ☐

The lemon juice did NOT stop the oxidation of the apple (it still turned brown).

 →  =  ☐