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Oxidation of Metals

This year, my science fair project is to find out which type of metal rusts faster. I have helped my dad work on an old rusty Blazer to fix it up. It has made me wonder why some parts rust and some parts do not. I thought it would be an interesting experiment to do for science fair. I think rust is caused by moisture getting onto the metal and it makes it wet and rusts. I believe that all five types of metal, in my experiment, will rust. In my opinion, steel and iron will rust faster. In my experiment, I will use five types of metal. The types of metal are steel, copper, iron, brass, and aluminum. I will spray these metals with water and record the results. My experiment will last for twenty-four days. During my experiment I learned that iron rusted faster than any of the other metals. I also learned that steel is the second fastest rusting metal. The other metals (brass, aluminum, and copper) did not appear to rust. Those metals only had water spots. All in all, the results of my experiment showed that part of my hypothesis was correct.