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| Science 9 | Unit B |
| Oxidization and Rates of Reactions | 84 mins |

Review Lab: It needs to be handed in today

Oxidization

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| * Any reaction involving Oxygen (O2)

Combustion – the burning of chemicalsFire Triangle (Drawing)Corrosion – RustingCellular Respiration – Sugars are broken down for energy | Combustion, Corrosion, Cellular RespirationCH4 + O2 -> CO2 + H2O + EnergyFe(s) + O2 -> FeO (s)C6H12O6(s) + O2 -> CO2 + H2O + Energy |

Rates of Reactions

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| Four factors of Reaction Rate* Concentration of the Reactants
* Temperature of the Reactants
* Surface Area of the Reactants
* Presence of a Catalyst
 | Enzymes in the body.Draw simple enzyme |

Aluminum Foil Lab? Or Demos?

Tomorrow they will be doing a Large Lab. Read pg. 174 and make a lab write-up that will include:

The Problem:

Hypothesis:

Observation Chart:

You will hand in by the end of the week a good copy of the lab with a conclusion answering question 6 and 7 on page. 174