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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 chemicals  Fire Triangle (Drawing)  Corrosion – Rusting  Cellular Respiration – Sugars are broken down for energy | Combustion, Corrosion, Cellular Respiration  CH4 + O2 -> CO2 + H2O + Energy  Fe(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