Chemical Interactions

Chapter 3 Notes

3.1 Chemical Reactions Alter Arrangements of Atoms (pgs 69-72)

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| Concept | Notes | Visual Representation |
| chemical reaction |  |  |
| physical changes |  |  |
| chemical changes |  |  |
| reactants |  |  |
| products |  |  |
| Evidence of chemical reactions |  |  |

3.2 The Masses of Reactants and Products are Equal (pgs 78-84)

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| Concept | Notes | Visual Representation |
| Law of conservation of mass |  |  |
| Chemical equation |  |  |
| Balancing chemical equations |  |  |
| coefficients |  |  |

3.3 Chemical Reactions Involve Energy Changes (pgs 86-91)

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| Concept | Notes | Visual Representation |
| Bond energy |  |  |
| Exothermic reaction |  |  |
| Endothermic reaction |  |  |