Unit 4 Chemical reactions

**Ohio 9th standards**

* + Nuclear reactions
	+ Chemical reactions

**Archdiocese standards 8th grade**

* + Identify chemical reactions in terms of reactants and products
	+ List factors that affect rate of reactions
	+ Distinguish between nuclear fission and nuclear fusion
	+ Understand radioactive decay

**Concepts- Chapter 5**

 Chemical vs physical reactions

Types of reactions

Balance and understand a chemical equation and its components

Identify factors that impact rate of reactions

Distinguish between nuclear fission and fusion

Explain radioactive decay