**OBJECTIVES UNIT 9: Chapter 14 Gas Laws**

**The students can:**

**-state properties of gases.**

**- explain and be able to convert temperature and pressure into other units.**

**-identify the properties that distinguish an ideal gas from a real gas.**

**-use Boyle’s Law to show how volume and pressure are related at a constant temperature**

**-use Charles’ Law to show how temperature and volume are related at a constant pressure.**

**-use Gay-Lussac’s Law to show how temperature and pressure are related at a constant volume.**

**-use the combined gas law to solve gas law problems.**

**-use the ideal gas law to solve gas law problems.**

**-use Dalton’s Law of Partial Pressure.**

**-state how the rate/energy of a gas is related to its mass using Graham’s Law.**

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