

Westside High School Lesson Plan

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| Teacher Name: | Reynaldo Leija | Unit Name and #: | Gas Laws |
| Course: | Chemistry I | Dates: | 04/13/20 – 04/17/20 |

- ❖ We will be able to perform stoichiometric calculations including determination of mass and **gas volume** relationships between reactants and products and percent yield
- ❖ We will describe and calculate relations between volume, pressure, number of moles, and temperature for an ideal gas as described by Boyle's law, Charles' law, Avogadro's law and the ideal gas law
- ❖ We will describe the postulates of the kinetic molecular theory
TEKS C.8(G), C.9(A), C.9(B)

Agenda:

- 1) Ideal Gas Law
- 2) Dalton's Law of Partial Pressures

Assignments:

- 1) GA (OL) 44a & 46 – Ideal Gas Law
- 2) GA (OL) 45a & 47 – Dalton's Law of Partial Pressure