Diffusion and Particles

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| ***Teacher:*** | Ms. Athwal | ***Date:*** | Jan 15 – Jan 17 | ***Course:*** | Chemistry | ***Grade:*** | 11 |
| ***CA Standard(s):***  4a *Students know* the random motion of molecules and their collisions with a surface create the observable pressure on that surface.  4b *Students know* the random motion of molecules explains the diffusion of gases. | | | | | | | |
| ***Learning Objective (s):***  LT 5.1 – I can explain how pressure is created through the collisions of molecules with a surface.  LT 5.2 – I can discuss how the diffusion of a gas through a space is the result of the random motion of a gas molecule. | | | | | | | |
| ***Essential Question(s):*** Why is Los Angeles so polluted, but neighboring cities are not? | | | | | | | |
| **Assessment**:   * Exit Ticket: Diffusion and Pressure | | | | | | | |
| ***Do Now***:  Take 3 minutes to bullet all of the things you learned in first semester | | | | | | | |

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| **WHOLE GROUP/ DIRECT INTRUCTION** |
| * Culture Building Activity * Diffusions * Pressure |

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| **SMALL GROUP STATION** |  | **COLLABORATIVE STATION** |  | **COMPUTER ASSISTED STATION** |
| Literacy reading: Most polluted cities in the world/ cleanest cities in the world |  | Stoplight diffusion game |  | Drawing gas and diffusion |