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
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| ***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  |