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| --- | --- | --- | --- |
| **Experiment** | **Major Observations: this is the evidence for your theory.** | **Explanation: interpret the data. Why are we seeing what we are seeing?**  | **Generalizations: what does the evidence tell me about the behavior/make-up of matter and the KT?**  |
| **ACL 15A: Diffusion** |  |  |  |
| **Ball and Ring** |  |  |  |
| **Five-Prong Metal Wand** |  |  |  |
| **Bimetallic Strip** |  |  |  |
| **Floating Oil Drop** |  |  |  |
| **Vanishing Volume** |  |  |  |
| **ACL 15B** |  |  |  |

**Unit 15: Kinetic Theory Inferred Model**

Instructions: you have performed several labs this unit. Review data from each lab and perform a meta-analysis. This is a summary of experiments that seeks to find out what is the same across all experiments and what is different. The final result of a meta-analysis is that you develop some generalized scientific principles.