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| Planning | Major Topic: _____ Model: _____ _____ _____ _____ | Standards: _____ Cluster: _____ Vocabulary: 1. _____ 2. _____ 3. _____ 4. _____ 5. _____ |
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| Engagement | Demonstration Describe what students can observe to help them start discussing a possible model for explaining the topic. | |
| | Student Explanation(s) Students independently or with partner decide what happened. | |
| | Student Discussions (Vocabulary / Concepts) Students share their <i>explanations</i> and come to an <i>agreement</i> on definitions of important terms. [[Share graphs, images, rules, or questions]] | |
| Exploration | Lab What can be observed, measured? | |
| | Student Discussions (Lab Results) Students share lab results and come to an agreement on meaning of the results. Teacher adds or corrects misunderstandings and preconceptions | |
| Explanation | Teacher Summary (Lecture Notes) Emphasize the model useful to understand the major topic; include definitions of vocabulary | |
| Elaborate | Worksheet(s) Practice the concept: include a review of the concept as well as a new setting, extending the understanding | |
| | Student Discussions (Reflections/Questions) Students share answers to worksheets, ask follow up questions regarding worksheets, lab, or demonstration. | |
| Evaluate | Quiz / Test | |
| | Results & Corrections [[Share class scores, disaggregated by class period]] | |