

Planning	Major Topic: _____ Model: _____ _____ _____ _____	Standards: _____ Cluster: _____ Vocabulary: 1. _____ 2. _____ 3. _____ 4. _____ 5. _____
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]]	