

GK-12 Fall 2006 Semester Outline

Date	Activities	Reading
August 21	Introductions Appreciation Logistics- meet with Lucy Kida GK-12 Development Activity	<i>Science and Public Engagement</i>
August 28	GK-12 vision and history- Ken Kaneshiro Modes of Scientific Inquiry Introduction to practice teaching team activity Learning Styles Inventory (in preparation for September 4)	<i>The Value of Science Education (from <u>Science for All Children</u>)</i>
September 4	Modes of pedagogy Discuss workshop plan	<i>Scientific Inquiry, Student Learning, and the Science Curriculum</i>
September 11	GK-12 Evaluation & logic model development Select topic of interest for GK-12 project	<i><u>Kellogg Foundation Education Handbook</u> (Measuring Impacts Through the Use of a Program Logic Model)</i>
September 18	Team lessons presented	
September 25	Introduce lesson plan project Differentiating instruction for different types of learners Microsagas	<i>What Differentiated Instruction Is- and Isn't Teaching Beyond the Book</i>
October 2	Constructivism- building knowledge from experience 5 ways of looking at art and nature	<i>Teaching for Understanding in Science</i>
October 9	Discussion strategies	<i>Inviting Student Engagement with Questioning FAST Instructional Guide</i>
October 16	Preparation for HaSTA conference (October 20, Farrington High School) Standards	<i><u>Science for All Americans</u> (Intro & Chapter 1)</i>
October 23	Debrief HaSTA Assessment of learning and teaching Development of assessment for lesson plans	<i>Improving the Way We Grade Science Supporting Change in Classroom Assessment</i>
October 30	Lesson Plans Session 1	
November 6	Effective Communication Iron Scientist Activity	<i><u>A Whole New Mind</u> (Story Chapter)</i>
November 13	Lesson Plans Session 2	
November 20	Motivation & Management	<i><u>The Classroom of Choice</u> (Introduction & Chapter 1)</i>
November 27	Lesson Plans Session 3	

December 4	Field Trips & Labs Safety and Effectiveness	<i>Field Trips as Cognitive Motivators for High Level Science Learning</i>
December 11	Plan for Spring evuluncheon Semester's end festivities	<i>Science as Inquiry</i>