

Overview of Activities (Week One)

July 30, 2007 (Day 1)	July 31, 2007 (Day 2)	August 1, 2007 (Day 3)	August 2, 2007 (Day 4)	August 3, 2007 (Day 5)
<ol style="list-style-type: none"> Welcome and Introduction Project Overview Pre-Assessment Introduction to STEM Learning Module (SLM) Biomedical Engineering Research and Tour of the Lab- Esther Rodriguez (5.5 A.4 Gr. 4; 5.5 A.1 Gr. 6; 5.4 C.1 Gr.4) Engineering is Elementary (EiE) Module- Just Passing Through: Bioengineering (5.4 A.1, C.1, C.3 Gr. 4; 5.4 A.1, C.1 Gr. 6; 5.5 A.2 Gr.4; 5.10 A.1 Gr.6; 8.2 B1-5 Gr.8) End of the Day Reflection 	<ol style="list-style-type: none"> CIESE Square of Life tele-collaborative project (5.5 B.1 Gr.6; 5.5 B.1-2 Gr.4; 5.1 A1-3 B.1 Gr.4; 5.1 A.1-4 B1-3 Gr.8) Toxic Popcorn Activity – Engineering Design Process (EDP) activity (5.4 C.1-3 Gr. 4; 5.4 C.1-2 Gr.6; 8.2 A.1, B1-5 Gr. 8) Online life science resources (5.5 A.1-3 B.1 Gr.4) Science Inquiry Introduction & Activity (5.1 A.1, B.1-2 Gr.4; 5.1 B.1-3 Gr. 8) Classification activity (5.5 A.2,B.1 Gr.4; 5.5 B.1 Gr.6) End of the Day Reflection 	<ol style="list-style-type: none"> Human Genetics Project (5.5 B.1-2 Gr.4; 5.5 B.1-2 Gr.6) Owl Pellet Study (5.5 A.1 Gr.4) Pigeon Walk and Cornell's Urban Bird Study (5.5 B.1 Gr.4; 5.10 B.1 Gr.6) End of the Day Reflection 	<ol style="list-style-type: none"> CIESE Bucket Buddies tele-collaborative project (5.1A.1,2,4 B.1 Gr.4; 5.1 A.2-4 B.3 Gr.8; 5.10 A.1 Gr.6) Children's Literature in Science (5.5 A.3 Gr.4) Introduction to Google Earth (5.4 C.1 Gr.4; 5.1 B1 Gr.4) End of the Day Reflection 	<ol style="list-style-type: none"> Engineering is Elementary (EiE) Module- Best of Bugs: Agricultural Engineering (5.5 A.3 Gr.4; 5.4 C1 Gr.6; 5.4 C.3 Gr.4; 5.10 A.1 Gr.6; 8.2 B.1-5 Gr.8) Trees Identification and Campus Tour (5.5 B.1 Gr.4; 5.5 B.1 Gr.6) "Bees" – Podcast (5.10 B1-2 Gr.6; 5.2 A.2-3 Gr.8; 5.1 A.1-4 Gr.8; 5.2 A1 Gr.4) End of the Day Reflection

Overview of Activities (Week Two)

August 6, 2007 (Day 6)	August 7, 2007 (Day 7)	August 8, 2007 (Day 8)	August 9, 2007 (Day 9)	August 10, 2007 (Day 10)
<ol style="list-style-type: none"> Natural resources and Water Pollution- Prof. David Vaccari (5.2 A.1-2 Gr.8; 5.4 C.3 Gr.4; 5.4 C.1 Gr.6) EiE Module- Water, Water Everywhere: Environmental Engineering (5.10 B.1-2 Gr.6; 5.1 B.1 Gr.4; 5.4 C.1 Gr.4; 8.2 B.1-5 Gr.8) Water We Gonna Do? – Using Podcast in the classroom (5.2 A.1-2 Gr.8; 5.4 C.3 Gr.4; 5.4 C.1 Gr.6) End of the Day Reflection 	<ol style="list-style-type: none"> Testing & Confidentiality- Colin Mably Understanding Runoff Experiment (5.10 B.1 Gr.4; 5.10 B.1-2 Gr.6) CIESE Down the Drain tele-collaborative project (5.10 B.2 Gr.6) Inquiry and Lesson Critique (5.1 A.1, B.1-2 Gr.4; 5.1 B.1-3 Gr. 8) End of the Day Reflection 	<ol style="list-style-type: none"> Science and Mathematics Literacy - Dr. Deborah Eldridge, Montclair State University STEM Learning Module (SLM) End of the day Reflection 	<ol style="list-style-type: none"> STEM Learning Module (SLM) End of the Day Reflection 	<ol style="list-style-type: none"> Post-Assessment STEM Learning Module (SLM) Presentation of SLM Training Evaluation