

**Engaging Students in Scientific Practices:  
Evaluating Evidence and Explanation in Secondary Earth and Space Science  
Duke Farms, Hillsborough, NJ  
June 26-28, 2018  
Agenda**

**Day 1: Tuesday June 26**

8:00	Icebreaker
8:30	Paperwork and such
9:00	Linking Scientific Models and Evidence: Science in the News
10:15	Break
10:30	More Linking Scientific Models and Evidence
12:00 noon	Lunch!
12:45	Plausibility Ranking Task
1:15	Climate Change MEL
2:15	Break
2:30	MEL Architecture
3:00	Jigsaw Activity: Articles from “The Earth Science Teacher”
4:00	Wrap up



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**Day 2: Wednesday June 27**

8:00	Wetlands MEL
9:00	Analyzing Student MELs
10:30	Break
10:45	Analyzing Student MELs (con't)
11:30	Lunch!
12:15	Lesson Screener: Evaluating MELs for 3-Dimensional Instruction
1:00	MEL Research Activities
1:30	Break
1:45	Freshwater Resources baMEL
3:00	MEL Teacher guide overview
3:30	Wrap up



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**Day 3: Thursday June 28**

8:00	Fossils baMEL
9:00	Compare & Contrast: MELs and baMELs
9:30	Developing a Model-Evidence Task
10:30	Break
10:45	Developing a Model-Evidence Task (con't)
12:00 noon	Lunch!
12:45	Review of additional baMEL activities
2:15	Break
2:30	Implementation & Expectations
2:45	Workshop Evaluation
3:15	Wrap up

