



Welcome Back!
The Webinar will begin at 7pm

Webinar: Purpose

- Where are we?
- To gather implementation feedback
- To find out about how project coordination between LR & MEL is working out for you
- To hear your ideas for enriching discussions and integrating LR and MEL aspects
- Next steps for the LR MEL Project



Project Updates

New Resources:

- Dedicated LR pages on main website
- Dedicated Eutrophication & Food Security MEL pages coming soon
- Energy baMEL in final review

Future:

- Project MELD—an online MEL platform



Refresh My Memory Here...?

- May 2025 webinars were recorded and can be found at https://serc.carleton.edu/mel/prof_dev/index.html
 - Webinar 1–Intro to LR
 - Webinar 2–Intro to MEL
- Summer Institute PD Files
- MEL Teacher Guide



Let's Break Out!



- **LR Teachers:** Room 1
- **MEL Teachers:** Room 2



Split into LR & MEL
Break Out Rooms

MEL Group: Implementation Feedback

Let's introduce ourselves in the Chat Box!
Then we'll do a Padlet exercise - individually address these questions:

1. What MEL(s) have you implemented? (Section 1)
2. What has worked well for you? (Section 2)
3. What tricks and tips have you discovered for organization and management of MEL activities? (Section 3)
4. What do you need to be more successful? (Section 4)

One column for each question....

10 Min alone time to respond using the Padlet:

https://padlet.com/dgovernor57/LR_MEL_Implementation



MEL Implementation Feedback - Discussion

https://padlet.com/dgovernor57/LR_MEL_Implementation



Implementation
Feedback



What did we
share?



MEL Question 1: What MELs have been implemented?

What you reported....

Let's talk....

- Which was your favorite? Why?
- Were there any problems with any of them?
(ex: out of date materials.... Images not clear... text errors?)

https://padlet.com/dgovernor57/LR_MEL_Implementation



MEL Question 2: What has worked well for you?

What you reported....

Let's talk....

- How did students respond?
- What did you notice about student growth?
- What about student discourse?
- What didn't work well?
- How do you grade or assess student work?
- What would you like to elaborate on?

https://padlet.com/dgovernor57/LR_MEL_Implementation



MEL Question 3: What tricks and tips have you discovered?

What you reported....

Let's talk....

- What techniques worked well for your implementation?
- How do you keep up with paperwork?
- How do you get students engaged?
- How do you integrate the MELs into your curriculum?
- What implementation ideas should be added to the summer workshop?
- What ideas need elaboration?

https://padlet.com/dgovernor57/LR_MEL_Implementation



MEL Question 4: What do you need to be more successful?

What you reported....

Let's talk....

- What can the LR-MEL team provide?
- What should be added to the summer institute?
- What can be added to or amended in the Teacher's Guide?
- How can the website help?

https://padlet.com/dgovernor57/LR_MEL_Implementation



Noteworthy & Upcoming

- Upcoming Presentations
 - ELIPSE: Gainesville, GA, January 31
 - GSTA: Macon, GA, February 12
 - WSST: Appleton, WI, March 12-13
 - NSTA: Anaheim, CA , April 16-18
 - EER: Columbia, SC, July 20-23
 - NJSC: Princeton, NJ, mid-October



Got any other outreach suggestions?

LR & MEL groups rejoin

Key Takeaways....

Reporting out what you discussed...

- LR Group
- MEL Group



Integrating the LR and the MELs....

Let's discuss... in mixed groups!

- What worked well in your collaborations across MEL & LR?
- What were the challenges?
- What support is needed?
- How should the project envision the collaboration between subjects?

Select one person to share when returning!



Reporting Out....

Sharing what you discussed...

- Breakout Room 1
- Breakout Room 2
- Breakout Room 3
- Breakout Room 4

Common ideas?



Website

Evaluating Sources and Claims

Teach the Earth Portal
Model-Evidence Link Diagrams Project
About
Teaching Resources
Professional Development

Lateral Reading-Model-Evidence Link Diagrams (LR-MEL) Project

The purpose of our project is to promote students' civic and scientific evaluations of sources and alternative claims when confronted with controversial and/or complex socioscientific issues in the Earth and environmental sciences. We do this by integrating English Language Arts (ELA) and social studies classrooms—with science classrooms—focused on evaluating connections between lines of evidence and alternative explanatory claims. We are developing, implementing, and testing complementary Lateral Reading (LR) and Model-Evidence Link (MEL) scaffolds that include instructional materials and methods in both social studies and science classrooms. Issues students explore range from climate change and extreme weather to freshwater availability and food security along with many others.



Extreme Weather

Project Overview

The Lateral Reading-Model-Evidence Link Diagrams (LR-MEL) project is investigating how deeper evaluations might promote changes in students' epistemic judgments, including source trustworthiness, and claim plausibility, toward a more civically-minded and scientific stance. We are also developing and implementing three-day summer institutes and follow-on professional development to help middle and high school ELA, social studies, and science teacher teams use LR (in ELA and social studies) and MEL (in science) scaffolds to facilitate students' critical-analytic thinking, evidence-based reasoning, and core disciplinary knowledge.

Lateral Reading - Source Evaluation



Extreme Weather Lateral Reading Source 1

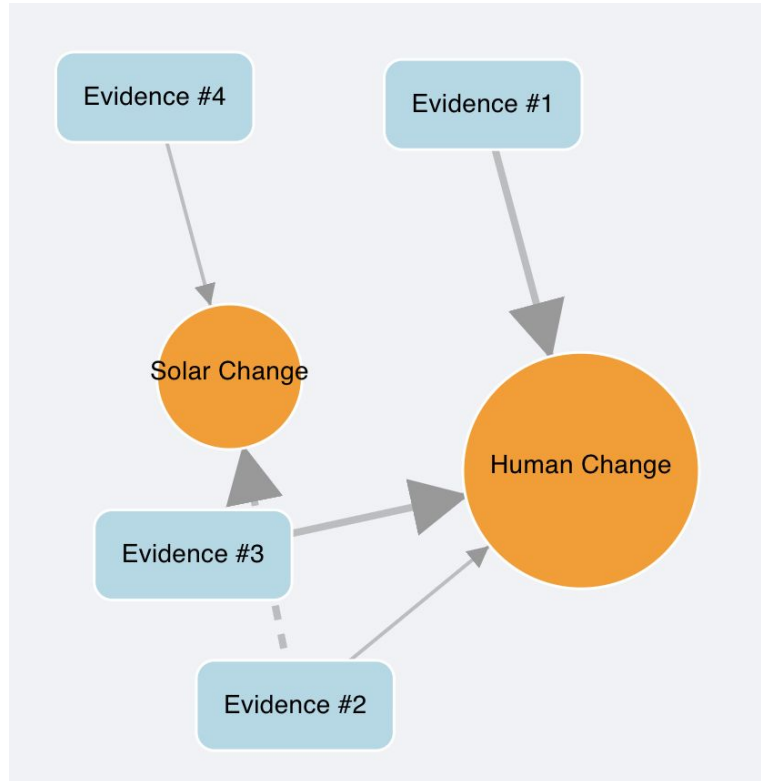


Extreme Weather Lateral Reading Source 2

- Brief Overview
- What's New
- What's Coming
- <https://serc.carleton.edu/mel/index.html>



News & Notes: Project MELD!



[Web Link to MELD](#)



Next Steps: LR-MEL in 2026

- Dates for 2026 summer institutes:
 - June 1-3 Georgia
 - June 24-26 Philadelphia
 - *Flyers for sharing arriving to your inbox shortly*
- What can we do differently or better? - Chat!



Webinar Evaluation

<https://www.surveymonkey.com/r/M32PXFF>

- Please give us your honest feedback
- We are interested in hearing about your successes and barriers so we can better support you



Webinar Stipends for Those Eligible

- Stipend paperwork:
 - GA, nothing to do unless name or address changed (email Lorraine)
 - PA, Janelle will email you tomorrow with a new form for your signature
- Complete the evaluation form
- \$100
- *Please note: Payments are going slowly right now, we'll do the best we can!*



Thank you!

- Questions?
- Watch for announcements - spread the word!

