CER or ERC? Constructing Explanations & Arguing From Evidence Webinar Dashboard

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1	General Resources	⊕ ⊕	Presentation PDF: <u>PDF of Slides</u> <u>Helping Students Make Sense of the World Book</u>
2	3 Categories of Science & Engineering Practices	⊕ ⊕	Assessing Practices Along a Continuum Article from NSTA The Wonder of Science 3-D Cards
3	Bozeman Science Videos with Paul Anderson from the Wonder of Science	⊕ ⊕ ⊕	 Constructing Scientific Explanations Engaging in Argumentation The Wonder of Science
4	K-12 Science and Engineering Practices Progression Matrix of Elements	⊕	SEP Progression Doc
5	Arguing from Evidence vs. Constructing Explanations Resources	⊕ ⊕	Argumentation and Explanation-Tools for Using Them Together While Keeping Them Separate Article by Brian Flaig STEM Teaching Tool #1-Is it important to distinguish between the explanation and argumentation practices in the classroom?
6	Argumentation Toolkit Website	⊕	http://www.argumentationtoolkit.org/
7	Sample Lesson on GMO CER from Better Lesson	⊕	Link to Lesson (TED Talk included)
8	Jamboard	⊕	4 Corners Jamboard
9	Gather Evidence from Article	⊕	Article- GMOs Helpful GMO_Harm_or_Help Article for Annotating(forced copy)
10	C-E-R/E-C-R Template and Scaffold	⊕ ⊕	CER Template for GMOs (forced copy) Scaffolded CER Template for GMOs (forced copy)
Additional Resources			
11	Claims, Evidence, & Reasoning Resources	⊕ ⊕	CER Graphic Organizer- Scaffold from Rebecca's class Google Folder FULL of Resources- rubrics, checklists, etc.
12	STEM Teaching Tool #17- Beyond Written CER	⊕	http://stemteachingtools.org/brief/17
13	Ambitious Science Teaching Tools for Scaffolding	⊕ ⊕	https://ambitiousscienceteaching.org/tools-scaffolding/ CER Example with Peer Feedback for Tanker Car Phenomena
14	Evidence Collector for Arguing from Evidence Sample for a Lesson on Leaves	⊕	Evidence Collector Link (forced copy)
15	Sample Lessons on GMOs	⊕ ⊕ ⊕	GMOs Yay or Nay? Lesson-Discovery Ed Sample GMO Lesson- Groups w/Different Claims- Middle School Sample Lesson on GMOs from Agclassroom

