Deepening High School Students' Knowledge about Earth Science Topics Through Scientific Evaluation & Plausibility Reappraisal Janelle M. Bailey, Doug Lombardi, Elliot S. Bickel, & Shondricka Burrell **Temple University**

evaluation of the validity of explanations based on evidence, a scientific practice that is key to understanding both scientific content and science as a process.

- community.
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- (Lombardi et al., 2016).
- instruction.

- the MEL (Chinn & Buckland, 2012) for life science.



The material in the poster is based upon work supported by the NSF under Grant No. DRL-1316057. Any opinions, findings, conclusions, or recommendations expressed are those of the authors and do not necessarily reflect the NSF's views.

