

ConSTELLations

A showcase of research with practical applications in Math and Science Education from the UCF School of
Teacher Education

Reviewer Guidelines

The mission of the ConSTELLations journal is to provide research-based, real-world advice and resources to teachers, from teachers. The goal is to present best-practices in math and science instruction clearly, succinctly, and in a format teachers can immediately implement in a classroom. Submissions should describe pedagogy, curriculum, or assessment ideas shown to be effective through recent implementation.

Each submission to the ConSTELLations journal will consist of three parts: a Manuscript, a Video, and Resources. An initial submission is to be created with the Manuscript and Resources for peer-review. Once the manuscript has been approved for publication, the author will be instructed to submit their video. This will ensure blind-review for the initial process.

The reviewers are to evaluate the content, structure, and relevance of the submission as a whole using the journal rubric. Each submission will be reviewed by three reviewers. Each reviewer will be provided a copy of the full submission as well as this PDF of the rubric (Please use the Fill and Sign feature to add relevant check marks). Authors will submit this form as part of your review and then make your recommendation. Submissions will only be *Rejected* if the author(s) fails to follow the required structure (i.e. no resources and/or no manuscript). Upon Resubmission, a member of the Editorial Board will view the video and determine if the written submission is suitable for publication or if another round of revisions are necessary. The author will be given one additional opportunity to *Revise and Resubmit* if needed or will receive notification their submission has been *Accepted*.

Reviewers should complete the initial review of the submission within 2 months of receiving the documents. Authors will be given a final submission deadline to *Revise and Resubmit*. If they miss the deadline, they will be notified their submission may be reconsidered during the following publication cycle.

Overall Content Rubric

	Minimal	Adequate	Exceptional
Math and/or Science Practices	<input type="checkbox"/> Reflects traditional practices in math/science instruction	<input type="checkbox"/> Reflects current best-practices in math/science instruction	<input type="checkbox"/> Reflects innovative practices in math/science instruction
Practitioner-based	<input type="checkbox"/> The information is either too research-driven or too vague to be transferred to another classroom if desired.	<input type="checkbox"/> The information provided is clearly aimed at teachers but will require some additional work to apply in another classroom	<input type="checkbox"/> Sufficient guidance is provided so the content would be easily transferable to another teacher's classroom
Standards-driven	<input type="checkbox"/> Has a vague connection to current math and/or science standards	<input type="checkbox"/> Relates to at least one current math and/or science standard	<input type="checkbox"/> Addresses current math and/or science standards in meaningful and engaging ways
Considerations of Equity	<input type="checkbox"/> Does not address any equity considerations	<input type="checkbox"/> Provides some guidance for accommodations/modifications as relevant	<input type="checkbox"/> Provides meaningful guidance on equity in terms of disabilities, poverty, culture, language, etc... as relevant

Overall Relevance Rubric

	Minimal	Adequate	Exceptional
Relevance	<input type="checkbox"/> Adds little to existing knowledge	<input type="checkbox"/> Builds upon existing pedagogy or curriculum.	<input type="checkbox"/> Strong connection to current trends in education, demonstrates an understanding of current research and innovations

Structure Rubrics

Manuscript

	Minimal	Adequate	Exceptional
Length and Format	<input type="checkbox"/> Much too long/short, not submitted as Google Doc	<input type="checkbox"/> Follows all Submission guidelines	<input type="checkbox"/> Well structured, with strong visuals and word choice
Writing	<input type="checkbox"/> Writing lacks clarity or flow	<input type="checkbox"/> Writing is clear and understandable	<input type="checkbox"/> Writing is clear and concise and well crafted to engage the reader
APA Style	<input type="checkbox"/> Contains major APA errors within document or in citations	<input type="checkbox"/> Contains minor APA errors	<input type="checkbox"/> Contains no APA errors

Resource

	Minimal	Adequate	Exceptional
Length and Format	<input type="checkbox"/> Is not an original work, not submitted as Google Doc	<input type="checkbox"/> Follows all Submission guidelines	<input type="checkbox"/> Well structured and creative
Purpose	<input type="checkbox"/> Does not add value to the submission (i.e. just a re-read of the manuscript)	<input type="checkbox"/> Provides additional guidance/clarity to the reader	<input type="checkbox"/> A valuable addition to the manuscript that supports further understanding