

Samantha Todres

Practicum in STEM Leadership Proposal

Professor Woodruff

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For this project I am selecting option 2, by preparing an article to be published in a practitioners journal. I decided to choose this option because the first option did not particularly suit my school. I am a math teacher at a small school in the Bronx where there are 2 other math teachers and 2 science teachers. Organizing a full professional development just does not seem like a viable option for my school given its size.

My preferred journal is NCTM's Mathematics Teacher Journal as I am a math teacher. My plan is to write an article on how NASA resources can be used in highschool mathematics courses in New York City. The NASA resources I plan to highlight include their website "NASA Resources for STEM K-12 Educators" which is something I frequently use when lesson planning. These sources emphasize how teachers across different STEM fields can bring in the other STEM fields to engage students across disciplines.