1. What is the title of your leadership project?

**Building a Culture of Science Research at your school.**

2. Which option did you choose and why did you select the option/topic?

I am a Master Teacher Fellow in Math For America a four-year fellowship in NYC for STEM Teachers. I will be running this course in March and April with a colleague from another school who is also a science research teacher.

3. Who is your proposed audience? Which teachers will you serve with your PD and activities? What grades, subjects, and how many students do they teach?

Including myself and the other presenter there will be 15 of us involved in this Professional Learning Team (PLT).

4. How will your project demonstrate integration of STEM in the classroom?

This is the description for the catalog:

How might we integrate and enhance science research programs at our schools to better develop skills and independence in the classroom? Join us in this PLT to develop resources to teach students the tools and skills to produce outstanding research projects. In our first session, we will share our current research and competitions experiences, identify areas of need, and divide into groups based on goals such as diversifying research programs, developing inquiry project designs, writing effective grant proposals, creating scaffolds for written reports, completing competition applications, or designing citizen science projects. Our second and third sessions will be structured work time towards our goals, and in between sessions, we will try new ideas and strategies with our students. Finally, in our last session we will fine-tune and share our resources. This course is best for current science research teachers, those planning to teach research in the future, or those wanting to integrate experimental design into their classes.

Teachers will use these resources from NASA to integrate into their teaching to help with devising science fair projects:

https://www.jpl.nasa.gov/edu/resources/project/how-to-do-a-science-fair-project-2/
https://spaceplace.nasa.gov/science-fair/en/

5. What outcomes or expectations do you hope to see for your educators?

We are looking to develop a community of teachers that enhances all of our science research programs.

6. How will you follow up with the teachers in attendance?

We will have four sessions and we will get to follow-up on what goals we had in the previous sessions and how we are looking to improve going forward. **We will be sending teachers surveys in between sessions to follow up on their goals for the next session.**