

Susan Bartocci
Professional Development

Project Proposal Plan

What is the title of your mini STEM professional development?

Connecting STEAM Into Our Lessons

Why did you select the topic?

I wanted our second-grade team to integrate our subjects more fully. I find that we have little time in the day. If we want our students to experience an enriched curriculum, then teachers need to make connections across subject areas.

Who is your proposed audience?

I'm grade leader for our second-grade. We have about 90 students in second grade currently.

Which teachers will you serve with your PD and activities?

I would like to start with our second-grade team first. My hopes is to extend to first grade next.

What grades, subjects, and how many students do they teach?

We all teach second grade with around 30 students each.

What "general" science or mathematics concepts or learning goals will you and your materials address which can potentially replace other classroom activities?

I want to start with some design challenges that students can work on in teams. NASA had great resources that I used during my Engineering class. I want to demonstrate how to add NASA sites into data collection, weather, and addition sites into already completed lesson plans.

How and where do you intend to carry out your PD?

We have professional learning community time twice a month. We meet as a team.

How long will the session be?

Session will be around 20-30 minutes.

When will it be held? During our PLC meetings.

Will teachers have access to computers?

Teacher will have access to computers.

What outcomes or expectation do you hope to see for your educators?

I want to see them ask questions and bounce ideas on how to add NASA sites into lessons and connecting lessons across subjects.

How will you follow up with the teachers in attendance?

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Since we meet every week and even more if you count our planning time, I will check with them on how things are going in their class.

An exit or follow up survey will assist in this feedback and progress monitoring of our success.