

Professional Development Proposal

Title - STEM Integration across the curriculum

Which option am I choosing?

I have decided to present a professional development session. In the future, I see myself in a curriculum or teacher leadership role where facilitating professional development will be an important part of my responsibilities. This session will serve as a stepping stone toward that goal. While I have presented information from workshops I have attended in the past, I have never led my own session, and I believe this will be valuable experience.

Who will my audience be?

I have invited the K-5 teachers of my school to attend and about 8-10 of them have shown interest in the session. Since this is elementary each teacher teaches all subjects: Reading, writing, math, science and social studies. Together they teach about 1,600-2,000 students.

How will it demonstrate integration of STEM?

I have found that many teachers at my school associate STEM activities solely with science. While science is a key component, this session will show that STEM integration can occur across all subjects. Teachers will learn strategies to incorporate STEM thinking into reading, writing, math, and social studies, in addition to science. The session will provide grade-level-specific activities and examples to help teachers apply these ideas directly in their classrooms.

What outcomes do you see for your teachers?

I hope that attendees will share what they learn with colleagues and students, spreading the mindset of STEM integration throughout the school. My goal is for each teacher to leave with at least one practical strategy or activity that they can implement immediately, benefiting both their students and their teaching teams.