

MERCY
COLLEGE

CENTER FOR
STEM
EDUCATION



TECHNOLOGY-BASED PROFESSIONAL DEVELOPMENT PROPOSAL FOR YONKERS PUBLIC SCHOOLS

October 6, 2017

Dear Mr. Alex Servello,

Thank you for your inquiry regarding a proposal for two technology-based professional development (PD) sessions for teachers. Each program described below will consist of a set of three, two-hour after-school PD sessions, led by an experienced educator for a small group of teachers (no more than 15), to facilitate active participation in PD content and support of teacher learning.

Focus on Computational Thinking and Programming: Teachers will be able to identify computational thinking concepts, practices, and perspectives. Topics will include: lesson planning to scaffold student learning to gain confidence in coding skills; formative and summative alternative assessment strategies; how to code using Scratch or MIT App Inventor (depending on the grade level of teachers); best practices to establish and maintain student programming skills; effective program development strategies to scaffold learning; and coding skills to design and create programs to support curriculum.

Engaging Students with Google Apps for the Classroom: The focus of these sessions will be on fostering capabilities using Google Classroom with students for engaging, interactive learning. Actual student-centered learning tasks will be demonstrated and shared, while participants will be supported in developing their own projects and ideas during the meetings.

Technology PD Proposal/2

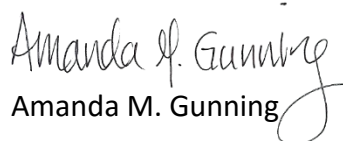
Per Program Cost:

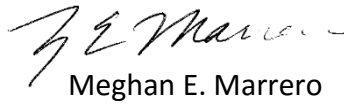
\$3,150 for set of three sessions, inclusive of planning time and any related materials.

Total Cost: \$6,300

Thank you for being a valued partner and supporting STEM education for all students!

Sincerely,


Amanda M. Gunning


Meghan E. Marrero

Co-directors, Mercy College Center for STEM Education