

Yonkers SMART Start
Inquiry-Based Learning Professional Development Series at Lincoln High School
Monday August 8 - Friday August 12, 2022

CTSC Facilitators: Karen Kirsch Page, Hilary Ferguson

Series Goals:

Together we will explore ways to design inquiry-based learning environments through transdisciplinary project design. Participants will identify a project or unit of study and use a backward design approach to design a standards-aligned creative project for students. Through exploration of robotics, drones, video and design, teachers will integrate technology meaningfully into their units. Interactive, experiential and social learning will support the building of strategies and sharing of ideas and feedback. Participants will have a unit designed and ready to implement following this 5 day series.

AGENDA Day 1, Monday August 8

Time	Agenda Item
9:00 am - 9:20 am	Welcome, Introductions, Goals, and Series Overview
9:20 am - 9:30 am	Pre-questionnaire
9:30 am - 9:40 am	Building the Professional Learning Community (PLC)
9:40 am - 10:30 am	Inquiry-Based Learning - Developing a Shared Language and Understanding
	Project-Based Learning (PBL)
10:30 am - 10:40 am	Break
10:40 am - 12:15 pm	The Engineering Design Process (EDP) (Ecuador + MB video) and Prototype Build
12:15 pm - 12:35	Transdisciplinary Design: STEM Beyond the Acronym
12:35 pm - 12:50 pm	Drones, Robots, Programming, and Storytelling with Tech!
12:50 pm - 1:00 pm	Closing, Q & A, Setting Up Day 2