

SMART START ACTIVITIES



DATE

2021-2022

YONKERS PUBLIC SCHOOLS

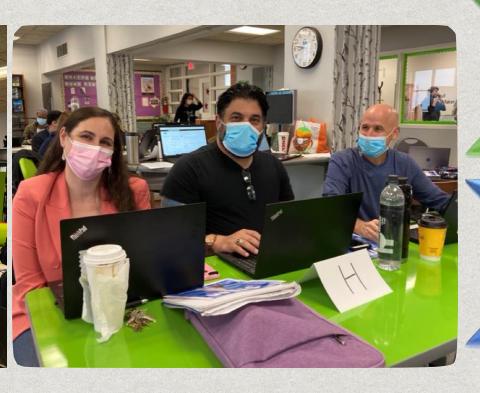
Smart Start

This grant supports YPS by "developing, implementing, and sharing innovative programs that provide professional development and support to increase teacher expertise in

- 1. computer science
- 2. engineering, and/or
- 3. educational technology among teachers in grades K-8."







SEMESTER 1

SEMESTER 2

Year 1 7&8 Grade

Web Development; Web Design; Animation; Microsoft Suite Fabrication; Manufacturing; 3D Printing; Textiles; Carpentry; Architectural Design; Laser Printing

Year 2 5&6 Grade

Virtual Reality; Digital Production; Sound Engineering; Lighting Design; Filmmaking

Robotics; App Design; Programming; Coding; Drone Technology

Year 3 3&4 Grade Ecology; Rewewable
Energies; Farms &
Gardens; Hydroponics;
Recycling; Conservation;
Environmental
Engineering

Web Development; Web Design; Animation; Microsoft Suite

Year 4 1&2 Grade

Fabrication; Manufacturing; 3D Printing; Textiles; Carpentry; Architectural Design; Laser Printing

Virtual Reality; Digital Production; Sound Engineering; Lighting Design; Filmmaking

Year 5 K&Capture

Robotics; App Design; Programming; Coding; Drone Technology Ecology; Rewewable
Energies; Farms &
Gardens; Hydroponics;
Recycling; Conservation;
Environmental
Engineering

YCSD Rotation for Professional Development and Targeted Yearly Grade-Band





Dawn Bartz @DawnBartz2 · 11/19/21 Teacher professional development continues Saturday @YonkersSchools





Dawn Bartz @DawnBartz2 · 11/2/21 ··· The Gorton team is leading learning @ inquiry PD @YonkersSchools @GortonHS @CTSC TC









Dawn Bartz @DawnBartz2 · 11/2/21 Glad to have the Boyce Thompson middle school team @ inquiry-based learning PD. Moving forward @YonkersSchools @CTSC_TC

PROJECT INQUIRY BASED LEARNING

DATE

2021-2022

YONKERS PUBLIC SCHOOLS





@YonkersSchools



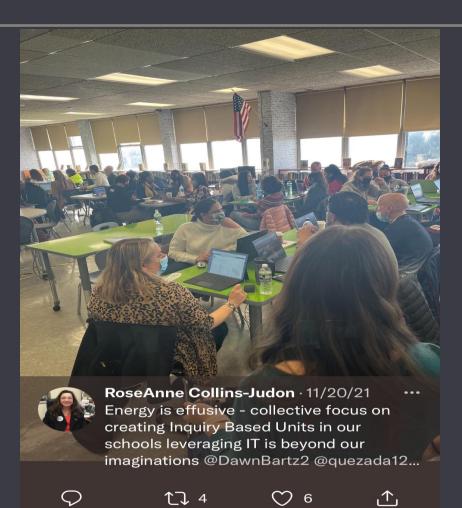
Dawn Bartz @DawnBartz2 · 11/2/21 ···· Superintendent Quezada welcomes teachers from around the district to PD on inquiry-based learning. Leading the way

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@YonkersSchools @quezada1229 @CTS...



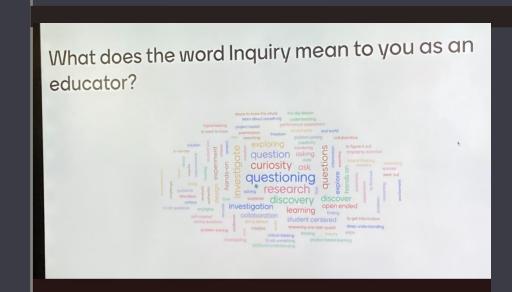
RoseAnne Collins-Judon · 12/11/21 ···· What skills do we all bring to the table each one teach one - reflection publicly is key building buy in from future leaders @SuptQuezada @YonkersSchools





Energy is effusive - collective focus on creating Inquiry Based Units in our schools leveraging IT is beyond our imaginations @DawnBartz2 @quezada12...

YONKERS SMART START INQUIRY BASED LEARNING





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RoseAnne Collins-Judon · 12/11/21 ···· Design Time provide opportunities for teachers to embark on this journey - grade level teams can leverage Benchmark themes to create innovation spaces & pr...

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RoseAnne Collins-Judon · 12/11/21 ···· What skills do we all bring to the table each one teach one - reflection publicly is key building buy in from future leaders @SuptQuezada @YonkersSchools

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RoseAnne Collins-Judon · 12/11/21 ··· What skills do we all bring to the table each one teach one - reflection publicly is key building buy in from future leaders @SuptQuezada @YonkersSchools

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Dawn Bartz @DawnBartz2 · 11/21/21 ··· Former Gorton student, now working at Central Office @YonkersSchools, speaks with her former history teacher, Hector Muniz, during Inquiry PD Saturday @Gor...

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Inquiry-Based Learning





INTERDISCIPLINARY UNIT PLANS

DURING EACH YEAR OF THIS FIVE-YEAR GRANT (2021-2022 THROUGH 2025-2026), 100 YPS TEACHERS WILL TAKE PART IN A PROFESSIONAL LEARNING SERIES FOCUSED ON INQUIRY-BASED LEARNING (IBL). OVER THE FIVE YEARS OF THE GRANT, 500 YPS TEACHERS WILL RECEIVE TRAINING AND IMPLEMENT IBL IN THEIR CLASSROOMS.

EACH YEAR, TWO DIFFERENT GRADE BANDS OF TEACHERS WILL RECEIVE INTENSIVE PROFESSIONAL DEVELOPMENT WHERE THEY WILL DEVELOP INTERDISCIPLINARY UNIT PLANS. THEIR PLANS WILL INTEGRATE TECHNOLOGY, RESULTING IN UNITS THAT INTEGRATE NEW YORK STATE STANDARDS FOR COMPUTER SCIENCE AND DIGITAL LEARNING AND CONTENT-AREA STANDARDS.

DURING IMPLEMENTATION OF THE UNIT, DURING LESSONS, TEACHERS WILL HAVE THE OPPORTUNITY TO BRING THEIR STUDENTS TO THE NEW STEM INNOVATION CENTER AT GORTON HIGH SCHOOL. THIS INNOVATION CENTER IS FUNDED THROUGH THE SMART START GRANT PROGRAM.





Dawn Bartz @DawnBartz2 · 11/19/21 · · · · Inquiry Institute Day 2 is Saturday with @CTSC_TC Moving inquiry based learning & technology into all classrooms @YonkersSchools @quezada1229 @Rcol...

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Dawn Bartz @DawnBartz2 · 11/21/21 ···
Enjoyed working with teachers
@YoHostosMicro as they work on an
interdisciplinary unit combining content
disciplines, including Science & Italian, t...



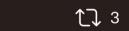
♣ RoseAnne Collins-Judon and 4 others



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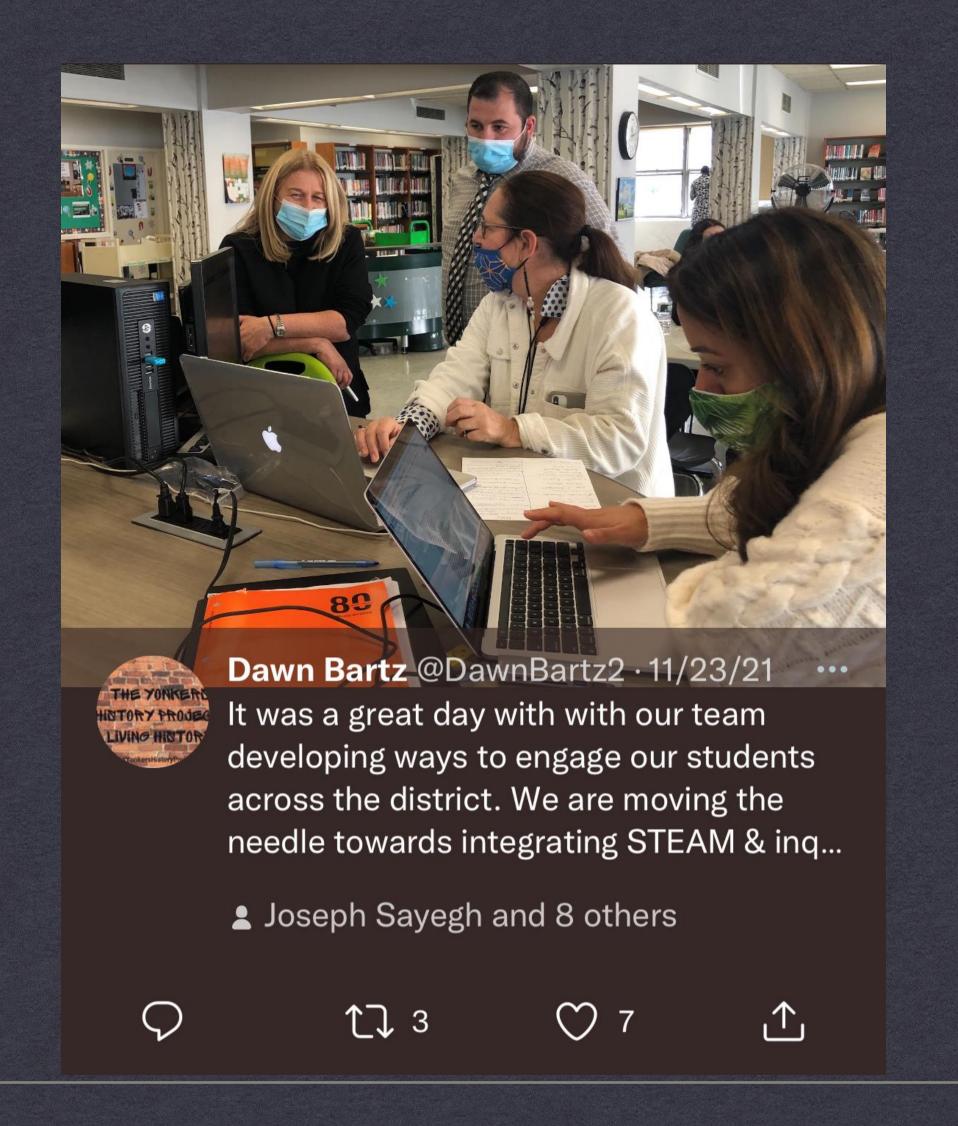


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SMART START STUDENT IMPLEMENTATION







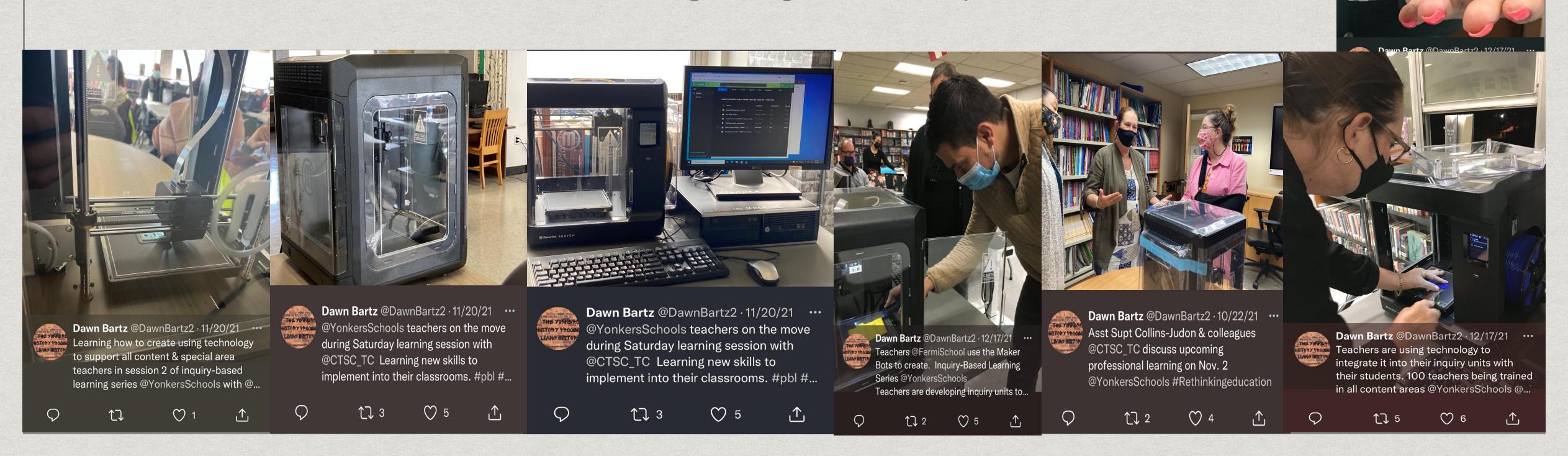


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Smart Start Technology

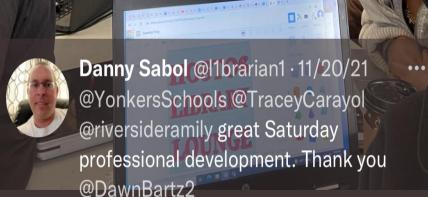
In addition to professional learning in which teachers engage in inquiry-based learning, teachers will have the opportunity to create projects using new technologies purchased through the grant. These new technologies will provide hands-on learning first for teachers to become expert and then to be used by their students in learning labs. The technologies are connected to careers in STEM fields identified through Regional Occupational Centers.



CTSC SATURDAY PROFESSIONAL DEVELOPMENT



Dawn Bartz @DawnBartz2 · 11/20/21 · Session 2 Saturday of inquiry-based learning saw a full house @GortonHS Thank you teachers & @CTSC_TC @YonkersSchools for an excellent sessi...





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Dawn Bartz @DawnBartz2 · 11/19/21 · · · · Teacher professional development continues Saturday @YonkersSchools Inquiry-based learning promotes higher student engagement & higher order thin...



Dawn Bartz @DawnBartz2 · 11/19/21 · · · · Inquiry Institute Day 2 is Saturday with @CTSC_TC Moving inquiry based learning & technology into all classrooms @YonkersSchools @quezada1229 @Rcol...



Dawn Bartz @DawnBartz2 · 11/20/21 · · · · Session 2 Saturday of inquiry-based learning saw a full house @GortonHS Thank you teachers & @CTSC_TC @YonkersSchools for an excellent sessi...

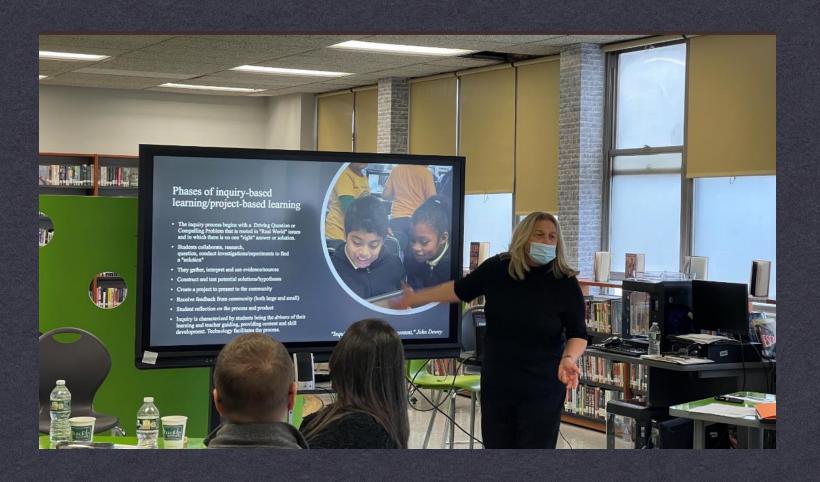


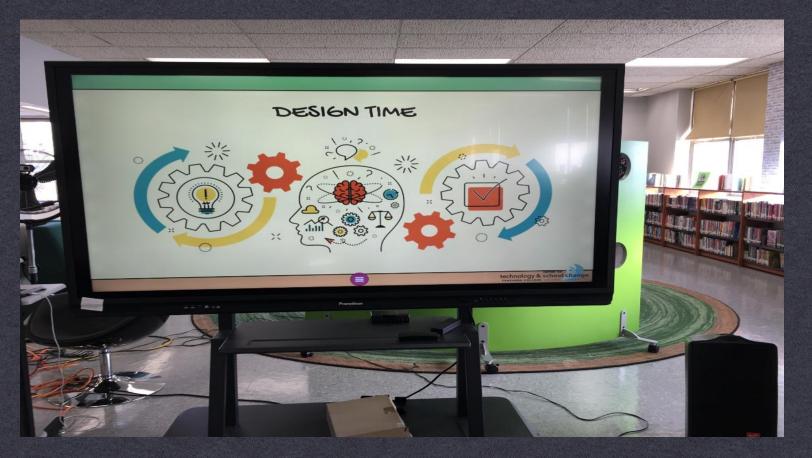
Dawn Bartz @DawnBartz2 · 11/20/21 ··· Welcoming the library media specialists @YonkersSchools inquiry-based learning session 2 Saturday @YonkersSchools @RcollinsJudon @TracevCaravol



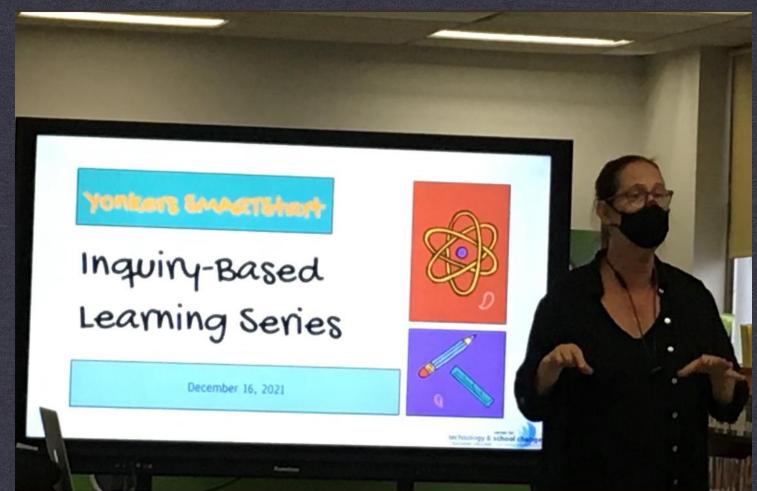
Dawn Bartz @DawnBartz2 · 11/20/21 ····
Teachers across the district
@YonkersSchools spent Saturday
designing & creating. Inquiry-based
learning & STEM integration. Experientia...

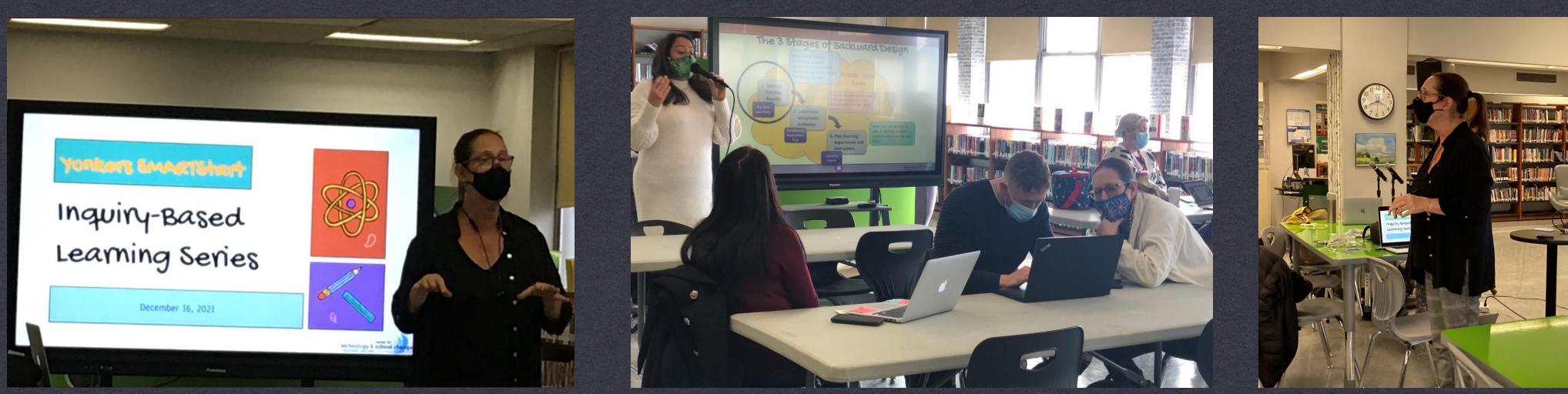
PRESENTATIONS













AFTER SCHOOL PROFESSIONAL DEVELOPMENT





Dawn Bartz @DawnBartz2 · 11/23/21 · · · · The Fermi Team @ professional development. School-based & interschool grade level teams are developing inquiry units of instruction integrating te...

Dawn Bartz @DawnBartz2 · 11/19/21 Teachers across the district working together developing inquiry based units for their classrooms. PD series with Columbia University continues Saturday...

Dawn Bartz @DawnBartz2 · 12/17/21 ··· Cross district, cross content, cross grade level collaboration in developing inquirybased units of instruction during the Inquiry-Based Learning Series @Yonkers...







Dawn Bartz @DawnBartz2 · 11/19/21 ··· Teacher professional development continues Saturday @YonkersSchools Inquiry-based learning promotes higher student engagement & higher order thin...



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Dawn Bartz @DawnBartz2 · 11/2/21 Gorton High Social Studies department is well represented @YonkersSchools inquiry-based PD. @YonkersSchools @GortonHS @GHS_SSdept @CTSC_TC



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RoseAnne Collins-Judon · 12/11/21 What skills do we all bring to the table each one teach one - reflection publicly is key building buy in from future leaders @SuptQuezada @YonkersSchools



















TEACHER COLLABORATION

