

Syllabus

Course Title: Connecting Teachers with the Digital Student (15 Hours)

Dates of Course

This course is set to run TBA.

Course Description

This course will examine current research on the way students in the digital age learn and how this translates into teaching practices. Additionally, participants will investigate web-based tools and video email technology for integration into their teaching in order to “reconnect” with students. Finally, participants will tap into the technology expertise of their students by having students teach a new tool or technique. A lesson plan will be developed by participants which draws upon the newly acquired knowledge.

Course Objectives

- Participants will begin to understand the term “Digital Natives.”
- Participants will begin to connect their teaching style to the learning characteristics of Digital Natives.
- Participants will understand the connection between teaching modalities and retention in today’s students.
- Participants will understand the scope of digital tools available to them in their current teaching assignment.
- Participants will expand their scope of digital tools available.
- Participants will begin to use digital natives as resource for learning digital tools.
- Participants will understand the extended scope of student Internet use.
- Participants will begin to incorporate new digital tools into lessons.
- Participants will have a technology rich, engaging lesson for incorporation into classroom curriculum.
- Participants will have expanded their collection of digital tools for reaching the digital natives in their classroom.

Standards Addressed

NYS Learning Standards for Students

Technology Education

Standard 2 – Information Systems

Key Idea – 1 – Information technology is used to retrieve, process, and communicate information and as a tool to enhance learning

PI – use a variety of equipment and software packages to enter, process, display, and communicate in different forms using text, tables, pictures, and sound.

PI – telecommunicate a message to a distant location with teacher help.

PI – access needed information from printed media, electronic data bases, and community resources.

Key Idea – 2 – Knowledge of the impacts and limitations of information systems is essential to its effective and ethical use.

PI – describe the uses of information systems in homes, schools and businesses.

PI – understand that computers are used to store personal information.

PI – demonstrate ability to evaluate information.

Key Idea – 3 – Information technology can have positive and negative impacts on society, depending upon how it is used.

PI – describe the uses of information systems in homes and schools.

PI – demonstrate ability to evaluate information critically

Standard 5 – Technology

Key Idea – 3 – Computers, as tools for design, modeling, information processing, communication, and system control have greatly increased human productivity and knowledge.

PI – use the computer as a tool for generating and drawing ideas.

PI – control computerized devices and systems through programming.

National Educational Technology Standards for Teachers (NETS-T)

Standard 2 – Planning and Designing Learning Environments and Experiences

PI – apply current research on teaching and learning with technology when planning learning environments and experiences.

Standard 5 – Productivity and Professional Practice

PI - continually evaluate and reflect on professional practice to make informed decisions regarding the use of technology in support of student learning.

Standard 3 – Teaching, Learning and the Curriculum

PI – use technology to support learner-centered strategies that address the diverse needs of students.

PI – manage student learning activities in a technology-enhanced environment.

Standard 6 – Ethical, Legal, and Human Issues

PI – apply technology resources to enable and empower learners with diverse backgrounds, characteristics, and abilities.

Prerequisite Skills/Requirements

- Students must have access to the Internet and Email.
- Students must have MS Word and know how to use it. Students will be required to attach a Word document when posting in a thread and/or cut and paste from Word.

Recommendation for In-Service Credit

- Students must have completed all assignments at a minimum satisfactory level.
- Students must have actively participated in online discussions.
- In-service hours recommended will be directly associated with the outcomes of the course.
- Plagiarism will result in not being recommended for in-service credit.

Contact Information

Margaret Taboada

mtaboada@freeportschools.org

516 867-5338