

Upper Moreland Township School District
2900 Terwood Road
Willow Grove, PA 19090

Planned Course for Eighth Grade Business, Computer and Information Technology

Course: Eighth Grade Business Challenge

PA Academic Standards for Business, Computer and Information Technology

15.2.8 Career Management
15.3.8 Communication
15.4.8 Computer and Information Technologies
15.6.8 Finance and Economics

ISTE Standards

1. Empowered Learner
2. Digital Citizen
3. Knowledge Constructor
4. Innovative Designer
5. Computational Thinker
6. Creative Communicator
7. Global Collaborator

PA Academic Standards for Career Education and Work

13.1.8 Career Awareness and Preparation
13.4.8 Entrepreneurship

CSTA Standards

2- CS – Computing Systems

Course Description:

The K-8 Business, Computer and Information Technology program is standards-based. It is designed to help students build the knowledge and skills that will enable them to be productive and innovative learners in the ever-changing world. The curriculum is organized to include the following four focus areas: coding, digital citizenship, application/skill and financial literacy. Each focus area helps students develop the essential skills of communication, collaboration, critical thinking, and creativity. The program is progressive and developmentally sequential across grade levels. It reflects the increasing complexity and rigor that will provide students with the foundations for a career in tomorrow's workforce.

The eighth grade course is designed to engage students in the practical application of 21st Century skills through a business simulation. Eighth grade students will be introduced to a community focused, real world problem. As innovators, students will communicate and collaborate, to access and evaluate information, and to create and present a business solution. Developing their critical thinking and problem solving skills, students will complete a real world business simulation of practical application.

Specific and measurable objectives to be attained by students:

Specific objectives for this course are aligned to state and national standards. The scope and sequence document for the 8th Grade Business Challenge elective course include the Pennsylvania State Standards for Business, Computer and Information Technology, the ISTE Standards, the Pennsylvania State Standards for Career Education and Work, and the CSTA Standards.

Materials:

Digital Citizenship: Learning.com, Common Sense Media, EverFi

Financial Literacy: Learning.com, EverFi

Applications/ Skills: Microsoft Office Professional Suite, Online video editing tools, Google Suite, Impero, Computer for each student, SmartBoard, Printer

Instructional Activities:

A standards-based Business, Computer and Information Technology program provides authentic experiences and incorporates technology into content areas promoting student inquiry and problem solving. These learning experiences will develop thinking processes that are self-directed, creative, critical, and reflective. Instructional activities include the following best practices:

- Modeling
- Guided Practice
- Collaboration
- Whole Group Discussions
- Hands-on Activities
- Think-Pair-Share
- Teacher/Student Conferencing
- Peer Conferencing
- Direct Instruction
- Spaced Practice
- Vocabulary Instruction
- Summarizing
- Note Taking
- Self-Questioning
- Concept Mapping
- Reciprocal Teaching
- Problem Solving
- Identifying Similarities and Differences
- Extended Writing
- Peer Tutoring

Estimated instructional time to be devoted to achieving objectives:

Students attend 8th grade Business, Computer and Information Technology every other day for one semester (45 sessions).

Procedure for measurement of student progress on the objective:

A variety of assessments will be used to determine student progress. The Assessment Plan includes the following components:

- Teacher Observations
- Rubric/Checklists
- Participation
- Performance Assessments
- Completion of Simulation Project
- Completion of Teacher generated activities

An explanation of how student grades will be determined:

Students will be evaluated in the areas of class work, class participation, and teacher observation. A minimum of three performance tasks will be considered in determining the student's grade.