Wallenpaupack Area School District
Planned Course Curriculum Guide

BCIT

Computer Technology 6

Course Description: This class is an introductory computer class. The class is designed to instruct students with varying computer skills. This includes but is not limited to various Microsoft programs, basic computer literacy, digital citizenship, career exploration, and coding. Students will also improve proper keyboarding skills and typing fluency.

Initial Creation Date (if applicable) and Revision Dates:
1/3/12 (Syllabus)
REWRITE 10/9/23

Wallenpaupack Area School District Curriculum	
COURSE: Computer Technology 6	**GRADE/S: 6th**
UNIT 1: Keyboarding	**TIMEFRAME: 22-23 days**

PA COMMON CORE/NATIONAL STANDARDS: 3.7.7. C. Explain and demonstrate basic computer operations and concepts.
UNIT OBJECTIVES (SWBATS): Students will be able to demonstrate correct typing posture and technique with improved words per minute and a goal set by the instructor.
INSTRUCTIONAL STRATEGIES/ACTIVITIES: • Internet Resources • Keyboarding • Video • Demonstrations
ASSESSMENTS (Diagnostic/Benchmark/Formative/Summative): • Typing Assessments • Words per Minute • Daily Typing Goals
DIFFERENTIATED INSTRUCTION (Acceleration/Enrichment): Appropriate accommodations based on the student's IEP/504 Plan and/or student ability.
RESOURCES (Technology Based Resources, Text Resources, etc.): • Computers • Keyboard • Typing.com • Internet
KEY VOCABULARY: Keyboarding, Words per Minute (WPM), Posture, Home Row, CapsLock, NumLock

Wallenpaupack Area School District Curriculum	
COURSE: Computer Technology 6	**GRADE/S: 6th**
UNIT 2: Career Exploration	**TIMEFRAME: 2 days**

PA COMMON CORE/NATIONAL STANDARDS:

15.2.8.A- Examine various occupation options based on career assessments results, personal characteristics, talents, skills, abilities, and aptitudes as related to career pathways, clusters, or occupations.

15.2.8.B- Apply various online and traditional career management tools to explore career clusters.

UNIT OBJECTIVES (SWBATS):
- Students will be able to demonstrate different ways to use conflict resolution strategies.
- Students will be able to explain 3 different learning styles.

INSTRUCTIONAL STRATEGIES/ACTIVITIES:
- Internet Resources
- Interactive Online Activities
- Video
- Open-Ended Questions

ASSESSMENTS (Diagnostic/Benchmark/Formative/Summative):
- Activity Completion
- Open-Ended Questions

DIFFERENTIATED INSTRUCTION (Acceleration/Enrichment):
Appropriate accommodations based on the student's IEP/504 Plan and/or student ability.

RESOURCES (Technology Based Resources, Text Resources, etc.):
- Smart Futures
- Desktop Computers/iPads
- Internet

KEY VOCABULARY:
Visual, Kinesthetic, Auditory, Learning Styles, Negotiation, Mediation, Leadership/Management, Active Listening, Problem Solving, Group Dynamics, Constructive Criticism, Conflict Resolution

Wallenpaupack Area School District Curriculum	
COURSE: Computer Technology 6	**GRADE/S: 6**[th]
UNIT 3: Digital Citizenship	**TIMEFRAME: 3-4 days**

PA COMMON CORE/NATIONAL STANDARDS:

15.4.8.B- Interpret and apply appropriate social, legal, ethical, and safe behaviors of digital citizenship.

15.3.8.T- Discuss the rules of digital citizenship.

UNIT OBJECTIVES (SWBATS):
- Students will be able to compare and contrast identity theft and other kinds of theft.
- Students will be able to describe different ways that identify theft can occur online.
- Students will be able to use message clues to identify examples of phishing.
- Students will be able to reflect on how easily drama can escalate.
- Students will be able to identify de-escalation strategies when dealing with digital drama.
- Students will be able to make an inventory of their media choices and how those choices make them feel.
- Students will be able to brainstorm personal strategies for balancing media use.
- Students will be able to create personal guidelines for promoting healthy media balance.

INSTRUCTIONAL STRATEGIES/ACTIVITIES:
- Oral Questioning
- Peer Discussion
- Internet Resources
- Short Answers
- Worksheets
- Visual Presentations
- Class Discussion

ASSESSMENTS (Diagnostic/Benchmark/Formative/Summative):
Classwork, Quizzes

DIFFERENTIATED INSTRUCTION (Acceleration/Enrichment):
Appropriate accommodations based on the student's IEP/504 Plan and/or student ability.

RESOURCES (Technology Based Resources, Text Resources, etc.):
- Common Sense Media
- Microsoft PowerPoint
- Microsoft Forms
- Microsoft Word
- Computers
- TV Display
- Internet

KEY VOCABULARY:

Media Balance, Guideline, Inventory, De-Escalate, Digital Drama, Private Information, Identity Theft, Phishing, Internet Scam, Shortened URL

Wallenpaupack Area School District Curriculum	
COURSE: Computer Technology 6	**GRADE/S: 6th**
UNIT 4: Microsoft 365	**TIMEFRAME: 10-12 days**

PA COMMON CORE/NATIONAL STANDARDS:

15.3.8.B- Produce a variety of business documents and reports; focus on content, style, and format.

15.3.8.E- Choose appropriate print and electronic resources to meet project needs.

15.3.8.G- Develop appropriate information and content for presentations, meetings, discussions, and group assignments.

15.4.8.D- Create projects using emerging input technologies.

15.4.8.G- Create an advanced digital project using appropriate software/application for an authentic task.

15.4.8.K- Create a multimedia project using student-created digital media.

UNIT OBJECTIVES (SWBATS):
- Students will be able to effectively use Microsoft OneDrive to save and organize their files.
- Students will be able to access school issued email and basic operations of email.
- Students will be able to effectively use Microsoft Word to create, format, and edit different types of documents.
- Students will be able to effectively use Microsoft PowerPoint to create different types of slides and presentations.

INSTRUCTIONAL STRATEGIES/ACTIVITIES:
- Projects
- Video
- Presentations
- Internet Resources

ASSESSMENTS (Diagnostic/Benchmark/Formative/Summative):
- Projects
- Classwork

DIFFERENTIATED INSTRUCTION (Acceleration/Enrichment):
Appropriate accommodations based on the student's IEP/504 Plan and/or student ability.

RESOURCES (Technology Based Resources, Text Resources, etc.):
- Microsoft 365
  - Outlook
  - OneDrive
  - Word
  - PowerPoint
- Computer

- TV Display
- Internet

KEY VOCABULARY:
Microsoft, OneDrive, Word, PowerPoint, Tabs, Groups, Buttons, Ribbon, Status Bar, Quick Access Toolbar, Word Processing, Cut, Copy, Paste, Email, Saving

Wallenpaupack Area School District Curriculum	
COURSE: Computer Technology 6	GRADE/S: 6th
UNIT 5: Coding	TIMEFRAME: 5-7 days

PA COMMON CORE/NATIONAL STANDARDS:
15.4.8.G- Create an advanced digital project using appropriate software/application for an authentic task.
15.4.8.H- Explain the differences between a scripting language and a coding language.

UNIT OBJECTIVES (SWBATS):
Students will be able to demonstrate their understanding of block coding.
Students will be able to create their own authentic code.
Students will be able to successfully download code onto a circuit.

INSTRUCTIONAL STRATEGIES/ACTIVITIES:
- Projects
- Tutorials
- Guided Lessons
- Verbal Questions
- Problem Solving

ASSESSMENTS (Diagnostic/Benchmark/Formative/Summative):
- Projects
- Classwork

DIFFERENTIATED INSTRUCTION (Acceleration/Enrichment):

Appropriate accommodations based on the student's IEP/504 Plan and/or student ability.

RESOURCES (Technology Based Resources, Text Resources, etc.):
- Code.org (Hour of Code)
- Microsoft MakeCode
- Computers
- Headphones
- Adafruit Circuit Playground Express

KEY VOCABULARY:
Code, block coding, code languages, toolbox, workspace, simulator, download