

**Wilson Area School District  
Planned Course Guide**

**Title of planned course:** Technology

**Subject Area:**

**Grade Level:** 1

**Course Description:** Students will learn the basics of computer operations, concepts, applications, and on-line safety.

**Time/Credit for this Course:** 30 minutes per week

**Curriculum Writing Committee:**

## Curriculum Scope and Sequence

**Planned Course:** Technology

**Unit:** Basic Computer Operations and Concepts

**Time Frame:** 10 weeks

**State Standards:** 3.7.4.C

**Essential content/objectives:** At the end of the unit, students will be able to do the following:

- Identify major parts of the computer: mouse, keyboard, monitor, CPU, printer, floppy drive, floppy disk, CD-rom drive, CD-rom disk
- Use the following keys on the keyboard: spacebar, escape key, return key, backspace button, shift, delete ,caps lock, arrow keys
- Use the letter, number and punctuation keys
- Use a mouse correctly to navigate, open and close programs using icons; point, click and drag arrows to access programs and access selected approved internet sites
- Demonstrate proper use of computer equipment
- Start and shut down the computer with assistance
- Use correct posture and hands for keyboarding

**Core Activities:** Students may complete/participate in the following:

- Hands-on demonstration in lab or with posters to show computer parts, turning on and off, sitting with correct posture, and taking care of computer
- Type letters Aa-Zz, practice first and last name, spelling words, vocabulary words, numbers, word wall words, word families, simple sentences
- Punctuation activities- teacher posts mixed up sentences in student folders and children must edit to make capitals and correct punctuation
- Following teacher directions to click on this, click on that (use of mouse, opening desktop icons)
- Ribbon divider – place between keys to show left and right hand placement

**Instruction Methods:** Demonstration, typing, activities, direct instruction

**Materials & Resources:** Appendix

**Assessments:** Teacher created assessments and observations

## Curriculum Scope and Sequence

**Planned Course:** Technology

**Unit:** Computer Applications

**Time Frame:** 15 weeks

**State Standards:** 3.7.4.D

**Essential content/objectives:** At the end of the unit, students will be able to do the following:

- Use word processing software to type a document using upper and lower case
- Create a document with one space between words and sentences
- Use arrow keys to place cursor for editing
- Print a document with assistance that contains text
- Open a drawing program and utilize basic drawing tools
- Recognize the components of multimedia presentation

**Core Activities:** Students may complete/participate in the following:

- Type letters Aa-Zz, practice first and last name, spelling words, vocabulary words, numbers, word wall words, word families, simple sentences, stories, poems, reports, friendly letters, thank you notes, newsletters, lost and found ads, make lists, type a play, create a menu or brochure, book reports, etc.
- Punctuation activities- teacher posts mixed up sentences in student folders and children must edit to make capitals and correct punctuation
- Following teacher directions to click on this, click on that (desktop icons or menu bar pull down to print)
- Graphic organizers – open a drawing program to make Venn diagrams, KWL charts, word webs, story webs
- Fractions and build characters using a drawing program
- Hands-on demonstration – show PowerPoint or some other version of a slideshow, click on and use buttons/arrows to get to the next screen

**Instruction Methods:** Graphic organizer, demonstration, student activities

**Materials & Resources:** Appendix

**Assessments:** Teacher created assessments and observations

## Curriculum Scope and Sequence

**Planned Course:** Technology

**Unit:** Internet Applications and Safety

**Time Frame:** 10 weeks

**State Standards:** 3.7.4.E

**Essential content/objectives:** At the end of the unit, students will be able to do the following:

- Recognize the safe use of common and personal information on the internet.
- Access the internet using icons
- Recognize use of internet (address/URL, links, general concepts)

**Core Activities:** Students may complete/participate in the following:

- iSafe questionnaire
- FBI internet safety tips
- Lesson – safety with online personal information
- Hands-on demonstration – show internet navigation, where to type addresses, click here to open a game, etc.
- Follow teacher direction – click on this, click on that (desktop icons)
- View books, movies, author websites, online games and activities

**Instruction Methods:** Demonstration and student activities

**Materials & Resources:** Appendix

**Assessments:** Teacher created assessments and observations