TECH SMARTS

1. Course Name: Tech Smarts

2. Grades taught: 1st – 3rd

3. Times taught: 1 time per 5 day cycle/ 36 sessions per year

4. Length of course: full year

5. Purpose: Tech Smarts was created in order to ensure continuity of programming

    for students in the area of technology.

6. Goal area List

    a. Computer Basics/Technology (First and Second Grade only)
    b. Internet and Computer Safety (all grades)
    c. Hardware (First and Second Grade only)
    d. Software Applications (First and Second Grade only)
    e. World Wide Web and Communications (second grade only)
    f. Keyboarding/Word Processing (third grade only)

First Grade	Tech Smarts
Goal Area	**Software Applications** Word Processing Programs Digital image software Mobile software applications
	Essential Understandings: **Word processing software can be used to communicate thoughts and ideas.** **Word processing documents can be edited, formatted, saved and shared as the user makes revisions.** **Digital photo software can be used to capture and edit images that can be imported into a word processing document.** **Applications can be used to learn, improve efficiencies, communicate, collaborate and entertain.**
Goal Area	**Internet and Computer Safety**
	Essential Understandings: **Content on Internet can be posted by anyone and must be evaluated.** **Bullying is unacceptable behavior at all times, including in an online environment.** **Not all websites are reliable sources.** **There are appropriate ways to communicate on-line.** **Software can be used to block website information.** **Computers need to be protected from viruses.**

	Communication shared on the Internet is not private
Goal Area	**Hardware**
	Essential Understandings: **Hardware is the physical component of the piece of technology.** **Hardware accepts input, processes and stores data and produces output.**
Goal Area	**Software Applications** **Word Processing Programs** **Digital image software** **Mobile software applications**
	Essential Understandings: **Word processing software can be used to communicate thoughts and ideas.** **Word processing documents can be edited, formatted, saved and shared as the user makes revisions.** **Digital photo software can be used to capture and edit images that can be imported into a word processing document.** **Applications can be used to learn, improve efficiencies, communicate, collaborate and entertain.**

Second Grade	Tech Smarts
Goal Area	Computer Basics/Technology
	Essential Understandings: Computers are tools that help us do jobs more efficiently. There are many different technology devices.
Goal Area	Internet and Computer Safety
	Essential Understandings: Content on Internet can be posted by anyone and must be evaluated. Bullying is unacceptable behavior at all times, including in an online environment. Not all websites are reliable sources. There are appropriate ways to communicate on-line. Software can be used to block website information. Computers need to be protected from viruses. Communication shared on the Internet is not private
Goal Area	Hardware
	Essential Understandings: Hardware is the physical component of the piece of technology. Hardware accepts input, processes and stores data and produces output.
Goal Area	Software Applications

	Word Processing Programs
	Digital image software
	Mobile software applications
	Presentation programs
	Widgets (e.g. stickies, calculator, dictionary)
	Applications/Mobile Applications
	Cloud Computing (e.g. Spartan docs)
	Wiki/Blog
	Essential Understandings: **Word processing software can be used to communicate thoughts and ideas.** **Word processing documents can be edited, formatted, saved and shared as the user makes revisions.** **Digital photo software can be used to capture and edit images that can be imported into a word processing document.** **Applications can be used to learn, improve efficiencies, communicate, collaborate and entertain.** **Documents can be created an saved in an online environment.**
Goal Area	**World Wide Web and Communicating**
	Essential Understandings: **It is important to use internet search engines in a safe manner.** **The Internet is a citable source and subject to copyright.** **Not all websites are reliable sources.**

Third Grade	Tech Smarts
Goal Area	Internet and Computer Safety
	Essential Understandings: Content on Internet can be posted by anyone and must be evaluated. Bullying is unacceptable behavior at all times, including in an online environment. Not all websites are reliable sources. There are appropriate ways to communicate on-line. Software can be used to block website information. Computers need to be protected from viruses. Communication shared on the Internet is not private
Goal Area	Keyboarding/Word Processing
	Essential Understandings: Productivity is increased by using proper technique while keying by touch on a traditional keyboard. Alternate keyboarding strategies can be utilized with non-traditional keyboards. Voice Recognition software can be used as an alternate to input data.