Skill Struck's alignment to

Nebraska K-12 Technology Standards

Legend

✅ = Standards aligned

🔹 = Not currently aligned

Standard	Status
Basic Technology Operations/Concepts	
Keyboarding Standards	
Use proper posture and ergonomics	✅2-12
Locate and use letter and number keys with left and right hand placement.	✅2-12
Locate and use correct finger/hand for spacebar, enter, and shift key	✅2-12
Gain proficiency and speed in keyboarding. (Type 5 words per grade level beginning at 2nd grade.)	✅2-12
File Management Standards	
Organize files and folders.	🔹 K-1 ✅2-12
Manage files and save documents.	✅K-12
Operate Basic Device Functionality Standards	
Turn on the computer.	✅K-12

Login and logoff the computer.	✅K-12
Use a pointing device to click menus and icons.	✅K-12
Open programs, web apps, and documents.	✅K-12
Use buttons and media players.	✅K-12
Hardware/Software Standards	
Demonstrate an understanding of the relationship between hardware and software.	✅K-12
Troubleshoot basic hardware and software problems.	✅6-12
Identify major computer components.	✅K-12
Describe the components and functions of computers and networks.	✅K-12
Apply strategies for identifying and solving routine problems that occur during everyday computer use.	✅K-12
Productivity Applications/Tools	
Word Processing Standards	
Write, edit, save, and print document in a sitting	✅K-12
Use menu/tool bar functions, such as font size, font style, line spacing to format a document.	✅1-2 ✅3-12
Highlight, copy, and paste text.	✅1-2 ✅3-12
Copy, paste, insert, and resize images within the documents and from outside sources.	✅1-2 ✅3-12
Proofread and edit writing using appropriate resources (spell checker,	✅1-2

grammar checker, thesaurus).	✅3-12
Demonstrate the use of intermediate features in word processing applications (i.e. tabs, indents, bullets, numbers, tables, headers, footers).	✅6-12
Apply advanced formatting and page layout features when appropriate (i.e. columns, templates, styles) to improve the appearance of documents and projects.	✅6-12
Use the comment function in review for peer editing.	✅6-12
Use the track changes feature in review for peer editing of documents.	◆ 8-12
Spreadsheets Standards	
Enter and edit data and perform calculations using formulas	✅3-12
Demonstrate and understanding of recording, organizing, and graphing information.	◆ 2 ✅3-12
Identify and explain terms and concepts related to spreadsheets. (i.e. cells, columns, rows, values, charts, graphs).	◆ 2 ✅3-12
Use mathematical symbols appropriately.	✅3-12
Use to make predictions, solve problems, and draw conclusions.	✅3-12
Use spreadsheets to calculate, graph, organize, and present data in a variety of real world settings.	✅6-12
Enter formulas and functions in spreadsheet applications.	✅6-12
Use and modify spreadsheets to analyze data and propose solutions.	✅6-12
Use the functions and tools of a spreadsheet application (auto-fill, sort, filter, find).	✅6-12
Presentation Tools Standards	

Create, edit, format text.	◆ 1-2 ✅ 3-12
Create a series of slides and organize them to present research or convey data.	◆ 2 ✅ 3-12
Copy, paste, insert, and resize images within the slides and from outside sources.	◆ 2 ✅ 3-12
Create presentations for a variety of audiences and purposes with the use of appropriate transitions and animations to add interest.	✅ 6-12
Digital Media	
Digital Media Standards	
Watch videos and use play, pause, rewind, and forward buttons.	✅ K-12
Watch videos and use play, pause, rewind, and forward buttons while taking notes.	✅ 6-12
Use painting/drawing tools and other applications to create and edit work.	◆ 2-12
Create media for a variety of audiences and purposes with the use of appropriate transitions and animations to add interest.	◆ 2-5 ✅ 6-12
Independently use appropriate technology tools (graphic organizers, audio and video) to define problems and propose hypotheses.	✅ 6-12
Digital Citizenship	
Responsible Use Standards	
Demonstrate compliance of Responsible Use Policy and classroom rules regarding technology use and networks	✅ K-12
Explain responsible uses of technology and digital information and	✅ K-12

describe potential consequences of inappropriate use.	
Identify and explain the strategies for the safe and efficient use of computers (passwords, virus protection software, etc.).	✅K-12
Demonstrate safe e-mail practices and appropriate e-mail etiquette.	✅3-12
Identify cyberbullying and describe strategies to deal with such a situation.	✅K-12
Explore social and ethical impacts of technology.	✅K-12
Recognize and describe the potential risks and dangers associated with online communication.	✅K-12
Give examples of hardware and software that enable people with disabilities to use technology.	✅6-12
Analyze and explain how media and data can be used to distort, exaggerate, and misinterpret information.	✅6-12
Explain the potential risks associated with the use of networked digital environments (internet, cell phones, wireless networks) and sharing personal information.	✅5-12
Copyright Standards	
Explain fair use guidelines for copyrighted material (images, music, videos, etc.).	✅1-12
Research	
Research Standards	
Use internet browser and search engines and online directories, compare the differences, and explain how the disseminate information.	◆ K-2 ✅6-12
Identify careers and industry opportunities.	✅K-12

Perform basic searches on a database (i.e. library card catalogue) to locate information.	◆ K ✅1-12
Use content specific technology tools to gather and analyze data.	◆ K-2 ✅3-12
Identify and analyze the purpose of a media message (inform, persuade, entertain).	◆ K-2 ✅3-12
Identify and explain current hardware and software trends.	✅K-5 ✅6-12
Use internet browser and search engines and online directories, compare the differences, and explain how they rank results.	◆ 6-12
Write correct in-text citations and reference lists for text and images gathered from electronic sources.	◆ 6-12
Use Web browser to access information (enter a URL, access links, create bookmarks, print webpages).	✅6-12
Communications/Collaboration	
Communications/Collaboration Standards	
Collaborate using technology.	✅2-12
Use a variety of age-appropriate technologies to communicate and exchange ideas.	✅1-12
Create projects that use text, graphics, audio and video to communicate ideas.	◆ 2 ✅3-12
Evaluate presentations for organization, content, design, and appropriateness of citation.	✅2-12
Plan and implement a collaborative project with other students using technology tools (email, discussion forums, video conference).	✅6-12

Computer Science/Programming	
Computational Thinking Standards	
Create algorithms, or series of ordered steps, to solve problems.	✅K-12
Decompose a problem into smaller more manageable parts	✅1-12
Collect, analyze, and represent data effectively.	✅2-12
Demonstrate and understanding of how information is represented, stored, and processed by a computer.	✅3-12
Optimize an algorithm for execution by a computer.	✅5-12
Create simulations/models to understand natural phenomena and test hypotheses.	✅6-12
Evaluate algorithms by their efficiency, correctness, and clarity.	✅8-12
Programming Standards	
Write programs using visual (block-based) programming languages (scratch, code.org).	✅1-12
Create and modify animations, and present work to others.	✅2-12
Write programs using text-based programming languages.	✅6-12
Create web pages with a practical, personal, and/or societal purpose.	✅6-12