Bentonville Schools

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Course Name: Grade 5 Tech and Careers
School Year: 26-27
YAAG: Year At A Glance

Course Description: [2025 Arkansas Computer Science 5-8 Embedded Standards] [2024-2025 Arkansas Career Awareness 5-6 Standards]	
Quarter 1	• **Keyboarding:** In elementary, students begin to type. In 5th grade, they will be challenged with typing speed/accuracy goals. The first 9 weeks' goal is to type 18 words per minute with 85% accuracy. They will work on proper techniques such as posture and finger placement on the keyboard using Typing Club. Students will build the correct typing foundation by learning letter and punctuation keys, using all ten fingers. Adaptive, personalized lessons will provide extra practice where students need it. Every 9 weeks students will have a different goal that encourages students to improve throughout the year. Typing Expectations Chart by Quarter • **Cyber Responsibility and Safety** are very important in an ever-changing technology world. Students will become familiar with the Bentonville Schools Acceptable Use Policy and how it applies to their lives. They will also work on understanding the role an online identity plays and the permanence of choices and decisions when interacting online. Last, they will cultivate a positive digital identity by promoting responsible and respectful behavior online and understanding strategies to identify and deal with cyberbullying. • **GMail**: GMail is fairly new to 5th graders. Students will learn the importance of Gmail and how to communicate using this application. • **Career Awareness:** Students will complete an interest inventory/personality test using Pathful Jr and learn how that will affect choosing a career. They will complete a Google Form Reflection activity.
Quarter 2	• **Keyboarding**: The second 9 weeks' goal is to type 20 words per minute with 90% accuracy. They will work on proper techniques such as posture and finger placement on the keyboard using Typing Club.

	Students will build the correct typing foundation by learning letter and punctuation keys, using all ten fingers. Adaptive, personalized lessons will provide extra practice where students need it. Every 9 weeks students will have a different goal that encourages students to improve throughout the year. • **Google Docs**: Students will work on formatting and editing Google Docs using the tools and settings provided. • **Career Awareness:** Students will understand what a career cluster is and how the occupations in each are grouped.
Quarter 3	• **Keyboarding:** The third 9 week's goal is to type 22 words per minute with 95% accuracy. They will work on proper techniques such as posture and finger placement on the keyboard using Typing Club. Students will build the correct typing foundation by learning letter and punctuation keys, using all ten fingers. Adaptive, personalized lessons will provide extra practice where students need it. Every 9 weeks students will have a different goal that encourages students to improve throughout the year. • **Google Sheets:** Students will evaluate the most effective ways to arrange, collect, and represent data by creating and populating spreadsheets. They will also illustrate how different kinds of data can be represented with spreadsheets (quarterly typing spreadsheets). A pixel art project will show them how to set conditional formatting rules to call attention to specific information in a spreadsheet. • **Career Awareness:** Compare/Contrast proper and improper ways to use social media or texting.

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Quarter 4	• **Keyboarding**: The fourth 9-week's goal is to type 25 words per minute with 98% accuracy. They will work on proper techniques such as posture and finger placement on the keyboard using Typing Club. Students will build the correct typing foundation by learning letter and punctuation keys, using all ten fingers. Adaptive, personalized lessons will provide extra practice where students need it. Every 9 weeks, students will have a different goal that encourages students to improve throughout the year. • **Algorithms:** "Algorithm" in this standard refers to a sequence of steps followed when completing a particular task. Common examples include: the recipe for baking a cake, the method we use to solve a long division problem, the process of doing laundry, and the functionality of a search engine are all examples of an algorithm. Students will identify algorithms in everyday life and determine how algorithms can be used to accomplish tasks and solve problems. • **Coding**: Students will utilize Code Monkey to meet the needs of the coding standard: Use a visual block-based programming language individually and collaboratively to solve level-appropriate problems. • **Career Awareness:** Connect with industry professionals in your region.