

DIGITAL SKILLS

Mondays, September 8-December 8 (no class Oct 13 and Nov 24; 12 weeks)

12:30pm-1:45pm

Ages 8-10

Embark on a dynamic learning journey with our series of interactive classes designed to enhance typing skills and digital literacy. From mastering the home row keys and editing errors to creating apps with Bitsbox and exploring AI concepts, each session offers hands-on experiences that make learning both fun and effective. Join us to unlock creativity, boost confidence, and become proficient in today's digital world. All lab costs are included in the registration fee. Students must bring a laptop each week.

Instructor: Jessica Barnes, BSc

Location: Science Center (suite 5)

Full semester - \$220 OR \$20/lab (plus \$0.99 AH fee)

10% off sibling discount

Register for full semester or individual labs.

LAB SCHEDULE:

TYPING BASICS - Monday, September 8

Join us for a typing adventure as students master the home row keys while collecting gems, racing jets, and more. These interactive challenges help build strong finger habits and muscle memory, making typing fun and fast.

TYPING ADVENTURE – Monday, September 15

In this class, students race against the clock as they type their way through fun challenges. They boost their words per minute (WPM) and sharpen accuracy, all while having a blast.

TYPING DETECTIVES - Monday, September 22

In this interactive class, students join missions to identify and correct typing mistakes as they enhance both typing speed and accuracy, becoming a true typing detective.

LINE-BY-LINE CODING - Monday, September 29

Students dive into the world of coding by typing out their own app projects using Bitsbox. As they bring their creations to life, students practice typing skills and learn to debug code, making each keystroke a step toward becoming a tech-savvy developer.

MINECRAFT LOGIC - Monday, October 6

Students go on a coding journey with Minecraft Hour of Code, as they use drag-and-drop blocks to guide characters through challenges, learning logic and reasoning along the way.

ONLINE RESEARCH - Monday, October 20

In this class, students they practice typing skills as they learn to assess the credibility of information to distinguish trustworthy sources from unreliable ones, reinforcing both critical thinking and keyboard proficiency.

AI TRAINING - Monday, October 27

Students use Google's Teachable Machine to train a computer to recognize images, providing a hands-on introduction to artificial intelligence concepts, while learning to efficiently organize and save projects.

VIRTUAL BIOME EXPLORERS - Monday, November 3

Students take a virtual journey to deserts, rainforests, and tundras using Google Earth and iNaturalist, capturing screenshots and compiling reports that compare these unique biomes.

VIRTUAL FOOD CHAIN - Monday, November 10

Dive into the world of ecosystems by using presentation tools like Google Slides and PowerPoint to build an interactive food chain.

CRAFTING AI TALES - Monday, November 17

In this creative class, students use ChatGPT to generate imaginative stories from prompts, then bring their narratives to life by designing illustrations with Canva's AI tools to create a polished digital storybook to share with classmates.

VIRTUAL SPACE EXPLORATION - Monday, December 1

Students use NASA's Eyes on the Solar System to explore real-time space data, track satellites and asteroids, study planets and investigate how AI enhances space exploration.

AI MUSIC - Monday, December 8

Students harness the power of AI to create their own tunes with digital instruments on the AI Music app.