



# Cincinnati Hills Christian Academy

## Lower School Upper Elementary – Technology

### *Scope and Sequence*

**Vision:** As a result of technology instruction at CHCA, students will become proficient in using a variety of devices across a broad range of applications. Students will use technology to engage and enhance their learning experience in the classroom and among their physical and digital communities. Students will come to see technology as a tool to: communicate and broadcast; research; create both individually and collaboratively; and to collect, process, and organize data. They will become intelligent consumers and thoughtful producers of digital content for redemptive purposes.

### *Standards and Core Competencies*

*Students work to master the following overarching skills:*

- Digital Citizenship
- Creativity and Innovation: creating written, visual, and logical artifacts
- Communication and Collaboration with Peers
- Research & Information Fluency: Discovering and Producing Information, locating and evaluating sources using digital learning tools
- Problem-solving and Decision Making
- Digital Productivity Skills

**Kindergarten Topics:** Basic skills using keyboard/mouse; Use drawing software, Pixie, to explore/create; access teacher-selected websites via CHCA Lower School webpage; reinforce Reading/Math/Problem-solving skills using software and online resources; Introduction to computer programming using online resources; Online Safety via Common Sense Media.

**Grade 1 Topics:** Basic computer skills; Demonstrate understanding of Life Cycles using Pixie drawing software; Research habitats studied in grade level curricular themes; Reinforce Math/Reading skills using online resources accessed via CHCA Lower School webpage and Ten Marks, math practice software; Introduction to computer programming; Online Safety via Common Sense Media.

**Grade 2 Topics:** Log on/off personal account; Name/Save/Retrieve files to/from network folders; Use web resources/databases to research grade level curricular themes accessed via CHCA Lower School webpage; Create documents to demonstrate understanding of topics using various software; Introduction to computer programming using online resources; Introduction to Keyboarding using type to Learn 4; Online Safety via Common Sense Media.

**Grade 3 Topics:** Log on/off personal account; Name/Save/Retrieve files to/from network folders; Research topics covered in grade level curriculum accessed via CHCA Lower School webpage; Use presentation/desktop publishing, such as Microsoft Office applications, to demonstrate knowledge; Computer programming via online resources; Keyboarding using Type to Learn 4; Online Safety via Common Sense Media.