

Catholic Identity Standards

1.0 The student understands and integrates the content of what is learned into their faith and daily life.

Ways to Grow

- 1.0A recognize that every human life is sacred because each person is created and loved by God
- 1.0B describe ways to take part in/be responsible to the community by discerning and using our God-given gifts
- 1.0C recognize and oppose unjust social structures and work toward justice for all
- 1.0D see God at work in all things and as expressed in the sacraments
- 1.0E connect scripture, tradition, and the models of Mary and the saints to guide, grow, and deepen faith

Computational Thinking

1.1 The student explores the core concepts of computational thinking, a set of problem-solving processes that involve decomposition, pattern recognition, abstraction, and algorithms.

Applied Standards

- 1.1A identify and discuss a problem or task and break down (decompose) the solution into sequential steps
- 1.1C create a simple algorithm (step-by-step instructions) for an everyday task

Supporting Standards

- 1.1B identify the simple patterns found in the solutions to everyday problems or tasks

Computational Thinking

1.2 The student, with guidance from an educator, applies the fundamentals of computer science.

- 1.2A create a sequence of code that solves a simple problem with or without technology

Creativity and Innovation

1.3 The student takes an active role in learning by using a design process to solve authentic problems for a local or global audience, using a variety of technologies.

- 1.3B use a design process with components such as asking questions, brainstorming, or storyboarding to identify and solve authentic problems with adult assistance
- 1.3A practice personal skills and behaviors, including following directions and mental agility, needed to implement a design process successfully

Creativity and Innovation

1.4 The student understands that technology is dynamic and impacts different communities.

- 1.4A identify examples of how technology has impacted different communities

Data Literacy, Management, and Representation

1.5 The student defines data and explains how data can be found and collected.

- 1.5A explore and collect many types of data such as preferences or daily routines of people, events, or objects
- 1.5B conduct a basic search using provided keywords and digital sources with adult assistance

Digital Citizenship

1.6 The student identifies appropriate ways to communicate in various digital environments.

- 1.6A describe and demonstrate respectful behavior within a digital environment

Digital Citizenship		
1.7	The student recognizes and practices responsible, legal, and ethical behavior while using digital tools and resources.	
1.7A	explain and demonstrate the importance of acceptable use of digital resources and devices as outlined in local policies or acceptable use policy (AUP)	
1.7B	communicate an understanding that all digital content has owners and explain the importance of respecting others' belongings as they apply to digital content and information	

Digital Citizenship		
1.8	The student practices safe, legal, and ethical digital behaviors to become a socially responsible digital citizen.	
1.8A	identify ways to keep a user account safe, including not sharing login information and logging off accounts and devices	1.8B identify and discuss what information is safe to share online such as hobbies and likes and dislikes and what information is unsafe such as identifying information
1.8C	discuss and define cyberbullying with teacher support and guidance	

Practical Technology Concepts		
1.9	The student demonstrates knowledge and appropriate use of technology systems, concepts, and operations.	
1.9A	select and use a variety of applications, devices, and online learning environments to create an original product	
1.9B	describe basic computer hardware, including a variety of input and output devices, and software using accurate terminology	
1.9C	perform software application functions such as file management, collaboration, and the creation and revision of digital artifacts using a variety of developmentally appropriate digital tools and resources	
1.9E	identify, locate, and practice using keys on the keyboard, including upper- and lower-case letters, numbers, and special keys such as space bar, shift, and backspace	1.9D practice ergonomically correct keyboarding techniques and developmentally appropriate hand and body positions