

# PARENT GUIDE FOR TECHNOLOGY CURRICULUM

## GRADE ONE

### DIOCESE OF CLEVELAND

**Below is a list of the skills your child will be taught in Grade One.  
As parents, you are encouraged to support the work of your child’s teacher in helping your child acquire each of these skills.**

ISTE Standards for Students	
<b>Creativity and Innovation</b>	
	Students demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology.
	a. apply existing knowledge to generate new ideas, products, or processes.
	b. create original works as a means of personal or group expression.
	c. use models and simulations to explore complex systems and issues.
	d. identify trends and forecast possibilities.
<b>Communication and Collaboration</b>	
	Students use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others.
	a. interact, collaborate, and publish with peers, experts or others employing a variety of digital environments and media.
	b. communicate information and ideas effectively to multiple audiences using a variety of media and formats.
	c. develop cultural understanding and global awareness by engaging with learners of other cultures.
	d. contribute to project teams to produce original works or solve problems.
<b>Research and Information Fluency</b>	
	Students apply digital tools to gather, evaluate, and use information.
	a. plan strategies to guide inquiry.
	b. locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media.
	c. evaluate and select information sources and digital tools based on the appropriateness to specific tasks.
	d. process data and report results.
<b>Critical Thinking, Problem-Solving &amp; Decision-Making</b>	
	Students use critical thinking skills to plan and conduct research, manage projects, solve problems and make informed decisions using appropriate digital tools and resources.
	a. identify and define authentic problems and significant questions for investigation.
	b. plan and manage activities to develop a solution or complete a project.
	c. collect and analyze data to identify solutions and/or make informed decisions.
	d. use multiple processes and diverse perspectives to explore alternative solutions.
<b>Digital Citizenship</b>	
	Students understand human, cultural, and societal issues related to technology and practice legal and ethical behavior.
	a. advocate and practice safe, legal, and responsible use of information and technology.
	b. exhibit a positive attitude toward using technology that supports collaboration, learning, and productivity.
	c. demonstrate personal responsibility for lifelong learning.
	d. exhibit leadership for digital citizenship.

<b>ISTE Profile for Technology Literate Students</b>	
	1. Illustrate and communicate original ideas and stories using digital tools and media-rich resources.
	2. Identify, research, and collect data on an environmental issue using digital resources and propose a developmentally appropriate solution.
	3. Engage in learning activities with learners from multiple cultures through e-mail and other electronic means.
	4. In a collaborative work group, use a variety of technologies to produce a digital presentation or product in a curriculum area.
	5. Find and evaluate information related to a current or historical person or event using digital resources.
	6. Use simulations and graphical organizers to explore and depict patterns of growth such as the life cycles of plants and animals.
	7. Demonstrate the safe and cooperative use of technology.
	8. Independently apply digital tools and resources to address a variety of tasks and problems.
	9. Communicate about technology using developmentally appropriate and accurate terminology.
	10. Demonstrate the ability to navigate in virtual environments such as electronic books, simulation software, and websites.
<b>OH: ELA &amp; Literacy in History/Social Studies, Science, &amp; Technical Subjects–Writing</b>	
	6. Use technology, including the Internet, to produce and publish writing and to interact and collaborate with others.
	W.1.6. With guidance and support from adults, use a variety of digital tools to produce and publish writing, including in collaboration with peers.
	8. Gather relevant information from multiple print and digital sources, assess the credibility and accuracy of each source, and integrate the information while avoiding plagiarism.
	W.1.8. With guidance and support from adults, recall information from experiences or gather information from provided sources to answer a question.
<b>OH: ELA &amp; Literacy in History/Social Studies, Science, &amp; Technical Subjects–Speaking &amp; Listening</b>	
	5. Make strategic use of digital media and visual displays of data to express information and enhance understanding of presentations.
	SL.1.5. Add drawings or other visual displays to descriptions when appropriate to clarify ideas, thoughts, and feelings.

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