



## ISB Technology and Information Literacy Standards Grade 5

Strand	Standard	No.	Benchmark
<b>14.1 EFFECTIVE LEARNERS</b>	14.1.1 Students use appropriate tools to efficiently gather, critically evaluate, and effectively use information to make informed decisions when solving problems.	14.1.1.21	Identifies the inquiry focus and possible information sources. <b>LEARNING TARGETS:</b> a. Determine research focus question. b. Identify information required to answer question. c. Select best the resources for the information search from an identified list.
		14.1.1.22	Plans, conducts and manages structured searches for data and information. <b>LEARNING TARGETS:</b> a. Select search engine matched to needs. b. Manage search results and offer explanation for strategies used (e.g., RSS, bookmarking, copy/paste, URL, downloading, etc.).
		14.1.1.23	Scans, evaluates, analyzes and organizes information from a variety of sources, (including text, visual, audio & video) attributing information source appropriately. <b>LEARNING TARGETS:</b> a. Synthesize what information reveals. b. Determine in what ways information has answered question. c. Evaluate information for reliability (trustworthy), credibility (believable), and accuracy (up to date). d. Organize information to include full citation (e.g., title, author, publisher, publication date).
		14.1.1.24	Reflects on how and why the tools used have assisted the inquiry. <b>LEARNING TARGETS:</b> a. Evaluate and justify the usefulness of the tools used. b. Determine which tools would be used for future research tasks.
<b>14.2 EFFECTIVE COMMUNICATORS</b>	14.2.1 Students use appropriate media to effectively communicate ideas, knowledge, and understanding to audiences ranging from local to global.	14.2.1.18	Clearly articulates main ideas to be communicated. <b>LEARNING TARGETS:</b> a. Determine supporting evidence. b. Decide how to organize ideas and explain why.
		14.2.1.19	Identifies clear purpose, specific audience, and the appropriate media for communication. <b>LEARNING TARGETS:</b> a. Determine reason for communicating ideas. b. Decide to whom the ideas will be communicated and why. c. Select and justify the most appropriate media for the audience.
		14.2.1.20	Presents ideas, understandings and information clearly, using effective design and layout. <b>LEARNING TARGETS:</b> a. Select the most effective design elements to help the audience focus and understand the ideas. b. Simplify the use of multimedia to help the audience focus and understand the main ideas.
		14.2.1.21	Reflects, analyses and identifies ways to improve the effectiveness of digital communication. <b>LEARNING TARGETS:</b> a. Describe what worked well and why. b. Decide to what extent the audience understood the main ideas and how did I know? c. Determine would be done differently next time and explain why.



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<b>14.3 EFFECTIVE CREATORS</b>	14.3.1 Students develop innovative solutions (responses, products and/or processes) using appropriate technology.	14.3.1.9	Plans and develops innovative solutions (responses, processes and/or products). <b>LEARNING TARGETS:</b> a. Define the problem. b. Select the best possible solutions and explain why. c. Explain in what ways each solution solves the problem. d. Determine which solution will be developed and explain why.
		14.3.1.10	Documents evidence of new or improved learning at different stages of the planning and creation process. <b>LEARNING TARGETS:</b> a. Decide on the best way to document learning. b. Decide how often to document learning and explain why. c. Explain in what ways plan were changed along the way and explain why. d. Describe in what ways the solution could be improved. e. Determine would to do the next time when planning and creating.
<b>14.4 EFFECTIVE COLLABORATORS</b>	14.4.1 Students connect with others to collaborate, develop their own understanding, contribute to the learning of others, and/or contribute to the global society using a variety of media and online communities.	14.4.1.9	Collaborates with others, locally and globally, to contribute to the learning of others, using a variety of media. <b>LEARNING TARGETS:</b> a. Determine what we can teach others. b. Plan who we will collaborate with and why. c. Determine the best way to teach others and explain why.
		14.4.1.10	Contributes ideas when collaborating with others, locally and globally, to improve the lives of others, using a variety of media. <b>LEARNING TARGETS:</b> a. Explain in what ways we could improve the lives of others. b. Determine who needs this kind of help and explain why. c. Determine the best way to help others in this area and explain why.
		14.4.1.13	Connects with others, locally and globally, to develop desired skills and/or understandings using a variety of media. <b>LEARNING TARGETS:</b> a. State what you are trying to learn. b. Determine where you can go to find experts and how to connect with them. c. Explain how to find out what you need to know.
		14.4.1.15	Reflects on connections, collaborations and contributions. <b>LEARNING TARGETS:</b> a. Reflect on and justify what worked well. b. Explain the impact that was made and how you know. c. Reflect on to what extent you helped others. d. Decide on and justify any future improvements.
<b>14.5 ETHICAL CITIZENS</b>	14.5.1 Students practice legal and ethical behavior with an understanding of cultural and societal issues related to technology and information.	14.5.1.9	Applies classroom agreements about safe, secure, responsible and respectful technology use, including ISB's Acceptable Use Policy. <b>LEARNING TARGETS:</b> a. State rules for using technology and explain their importance. b. Recognize to what extent these rules are /are not being followed.
		14.5.1.10	Routinely identifies owner/creator of information/media by attributing sources correctly. <b>LEARNING TARGETS:</b> a. Identify who "owns" the media/information. b. Recognize if the media/information can be used and explain how we know. c. Attribute media/information to its owner.
		14.5.1.12	Reflects on and analyzes the use and impact of technology on themselves and society. <b>LEARNING TARGET:</b> a. Recognize and justify in what ways has my use of technology positively and/or negatively impact our lives.