

Quick Scale: Information and Communications Technology Integration Grades 5 to 10

	Not Yet Within Expectations	Minimally Meets Expectations	Fully Meets Expectations	Exceeds Expectations
<p>Collecting Selection of technology tools¹, information sources, and materials</p>	<ul style="list-style-type: none"> selects inappropriate technology tools relies on teacher supplied resources and materials 	<ul style="list-style-type: none"> may not discriminate appropriate tools uses a search engine with some support relies on a limited number of resources 	<ul style="list-style-type: none"> selects appropriate technology tools uses search engines independently gathers information from various sources 	<ul style="list-style-type: none"> effectively uses appropriate technology tools uses task-specific search engines selects a wide range of supporting facts and evidence
Accuracy and appropriateness of information	<ul style="list-style-type: none"> selects limited information gathers information uncritically 	<ul style="list-style-type: none"> selects information that is incomplete or inappropriate; irrelevant and inaccurate details illustrates only one perspective 	<ul style="list-style-type: none"> selects critical content information, relevant, current and accurate; includes no unrelated data illustrates more than one perspective 	<ul style="list-style-type: none"> information demonstrates appreciation of the complexity of the task; assesses reliability and relevance illustrates various perspectives
Socially constructed knowledge; gathering information from others using communication tools ²	<ul style="list-style-type: none"> works in isolation; does not use communication tools to build understanding 	<ul style="list-style-type: none"> uses communication tools occasionally to expand understanding 	<ul style="list-style-type: none"> uses communication tools to collaborate with others, build personal understanding, and share ideas about the task 	<ul style="list-style-type: none"> relies on electronic communication tools to collaborate and expand understanding directs inquiries to experts electronically
<p>Organizing Sorting and grouping information; storing information so it is searchable and retrievable</p>	<ul style="list-style-type: none"> does not sort or group information does not create any filing system information is difficult to locate or access 	<ul style="list-style-type: none"> attempts to group like information file management is simplistic student can find the information needed, but others cannot 	<ul style="list-style-type: none"> sorts and groups information logically creates a logical file management system data can be searched and retrieved efficiently 	<ul style="list-style-type: none"> groups information to support complexity of the task file management enhances understanding data can be easily searched and retrieved
<p>Interpreting and Analyzing Use of technology tools⁴ to convey and build ideas, illustrate connections and relationships, and extrapolate or predict to build new understanding</p>	<ul style="list-style-type: none"> selects technology inappropriate to the task does not demonstrate connections among ideas and concepts 	<ul style="list-style-type: none"> uses technology to convey ideas simplistically shows simple connections, but may show misunderstanding and few supporting details 	<ul style="list-style-type: none"> uses technology to reorganize and revise information develops ideas; demonstrates connections among ideas; and shows relative importance 	<ul style="list-style-type: none"> uses technology to reorganize and revise information to extend understanding develops and extends ideas in unique ways, illustrates connections among ideas and supporting details, and reveals patterns
<p>Presenting Referencing, including ethical use of information</p>	<ul style="list-style-type: none"> provides no or inaccurate citations includes plagiarized text and uses material without references 	<ul style="list-style-type: none"> lists some sources may include some copied text and materials without references 	<ul style="list-style-type: none"> lists all sources and links all citations uses standardized bibliographic conventions conveys content in own words 	<ul style="list-style-type: none"> provides complete, accurate, and linked citations uses standardized bibliographic conventions conveys content in own words
Layout and design, including use of technology tools, ⁵ media elements, ⁶ and design elements ⁷ to enhance the communication of ideas	<ul style="list-style-type: none"> uses visually confusing, misleading, or distracting layout and design elements text may not be readable presentation is difficult to navigate 	<ul style="list-style-type: none"> uses simplistic and ineffective layout and design; does not visualize ideas some text may not be readable cumbersome navigation 	<ul style="list-style-type: none"> layout and design and media elements provide a meaningful representation of thinking; effects are helpful, well-balanced, undistorted, smooth transitions all text is readable presentation is user friendly 	<ul style="list-style-type: none"> layout and design convey ideas uniquely, elicits a personal response in the audience merges media and layout and design elements in a unique fashion to enhance meaning presentation is user driven, intuitive
Organization of ideas and development of an argument that leads to a resolution	<ul style="list-style-type: none"> disorganized; content not broken down into meaningful units tone and language are inappropriate lacks a resolution or conclusion is unsupported; provides a single or biased perspective 	<ul style="list-style-type: none"> presentation has some organization tone and language are suitable argument is evident but may be difficult to follow provides a resolution or conclusion that is not fully supported 	<ul style="list-style-type: none"> presentation is logical and thoughtful tone and language are appropriate argument is clearly articulated and supported provides a resolution or logical conclusion that is clearly stated and supported 	<ul style="list-style-type: none"> purposeful and logical, presentation enhances or extends understanding tone and language are engaging argument demonstrates extension of thinking and new knowledge resolution or conclusions are logically stated and fully supported

¹ webs, clusters, charts, graphs, spreadsheets, databases

² email, instant messaging and other asynchronous and synchronous tools

⁴ webs, clusters, charts, graphs, spreadsheets, databases

⁵ webs, clusters, charts, graphs, spreadsheets, databases

⁶ sounds, animations, graphics, video, photos, charts, hyperlinks

⁷ colour, proportion, balance, sequence, text and images