Standard or GLCE #	Standard or GLCE Language	What this means:	Q	Reading Lessons 0	Writing Lessons 0	Examples of Formative Assessments	Vocabulary
	Students will						
	2009 Michigan Educational Technology Standards - Grades 6-8						
1	**BASIC OPERATIONS AND CONCEPTS**						
	1. Creativity and Innovation						
	Students demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology. Students will:						
CI.1	Apply common software features (e.g., spellchecker, thesaurus, formulas, charts, graphics, sounds) to enhance communication with an audience and to support creativity	Composing written works with the understanding that the computer software is programed and is merely guessing the writer's content and meaning	EACH		10	Summative/ Product	CPU, harddrive, system tray, icon, mouse, keyboard, peripherals, monitor, internet, intranet, network,
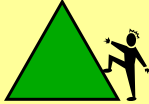
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CI.2	Create original project (e.g., presentation, web page, newsletter, information brochure) using a variety of media (e.g., animations, graphs, charts, audio, graphics, video) to present content information to an audience	Students each design their own project based on the requirements given.	EACH		10	Summative/ Product	e-commerce, document, jpeg, file, folder, menu, desktop, Smart Board, projector, properties, format, insert, dialog box, software, data, operator, troubleshoot,
CI.3	Illustrate a content-related concept using a model, simulation, or concept-mapping software	Brain-storming	EACH		10	Summative/ Product	accuracy, gwam, log-on, log-off, function, memory, reboot,
2. Communication and Collaboration								
	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. Students will:						

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CC.3	Identity effective uses of technology to support communication with peers, family or school personnel	Utilizing Power School to monitor own achievement and needs improvement areas	EACH		1	Summative/ Product	cursor, email, Web 2.0, viruses, storage, URL, RAM, ROM, Chat, Social networks,
	3. Research and Information Fluency						
	Students apply digital tools to gather, evaluate, and use information. Students will:						
RI.1	Use a variety of digital resources to locate information	Expanding understanding of where information comes from	EACH		10	Summative/ Performance	megabyte, pixel, resolution, anti-virus, update, download,

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RI.2	Evaluate information from online information resources for accuracy and bias	Read web pages to determine credibility	EACH	5	10	Summative/ Performance	upload, access, burn, CD, flash drive, DVD, copy, paste, cut, clip art, cookie, bookmark, cyberspace, USB, ports, delete, digital, DOS, BIOS, drag, click, file extension, gate, search engine, hard copy, ISP, hyperlink, IP address, keywords, shortcuts, multitasking, operating system, output, password, input, podcast, QWERTY, refresh, technology, spam, spyware, standby, thread, toolbar, tweak, formula, domain, taskbar, buttons, file

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RI.3	Understand that using information from a single Internet source might result in the reporting of erroneous facts and that multiple resources should always be researched	Utilizing web pages for the purpose of information gathering	EACH		10	Summative/ Performance	CPU, harddrive, system tray, icon, mouse, keyboard, peripherals, monitor, internet, intranet, network,
RI.4	Identify web sites based on their domain names (e.g., edu, com, org, gov, net)	Clear knowledge of web sites and their properties allows for more productive researching on the Internet	EACH		1	Summative/ Performance	domain, URL, scroll bar, right-protected, copyright, authentic
4. Critical Thinking, Problem Solving, and Decision Making							
	Students use critical thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. Students will:						

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CT.1	Use databases or spreadsheets to make predictions, develop strategies and evaluate decisions to assist with solving a problem	Creating charts with data recorded from an activity with random conditions to determine strategies	EACH		10	Summative/ Performance	format, insert, dialog box, software, data, operator,
CT.2	Evaluate available digital resources and select the most appropriate to accomplish a specific task (e.g., word processor, table, outline, spreadsheet, presentation program)	Making effective research and production decisions based on the type of data collected and keeping the end-result in mind	EACH		10	Summative/ Performance	log-off, function, memory, reboot, email, Web 2.0, viruses, storage, URL, RAM, ROM,
CT.3	Gather data, examine patterns, and apply information to decision-making using available digital resources	Collecting and recording data, entering it into spreadsheets and creating charts. Also, layout and design.	EACH		10	Summative/ Product	Chat, Social networks, megabyte, pixel, resolution, anti-virus, update, download, upload
CT.4	Describe strategies for solving routine hardware and software problems	Recognizing trends and cause and effect situations; being aware of steps taken	EACH			Summative/ Product	design, communication, perception,

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5	**5. Digital Citizenship**						
	Students understand human, cultural, and societal issues related to technology and practice legal and ethical behavior. Students will:						
DC.2	Discuss issues related to acceptable and responsible use of technology (e.g., privacy, security, copyright, plagiarism, viruses, file-sharing)	Technology offers great advantages, yet it requires respect and responsibility.	EACH		10	Summative/ Performance	cyberspace, USB, ports, delete, digital, DOS, BIOS, drag, click, file extension, gate, search engine, hard copy, ISP,
DC.3	Discuss the consequences related to unethical use of information and communication technoogies	The law does apply to technological practices and being that they are still developing, many pitfalls can occur.	EACH		10	Summative/ Performance	hyperlink, IP address, keywords, shortcuts, multitasking, operating system

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DC.4	Discuss possible societal impact of technology in the future and reflect on the importance of technology in the past	The law does apply to technological practices and being that they are still developing, many pitfalls can occur.	EACH		10	Summative/ Performance	password, QWERTY, refresh, technology, spyware, standby,
DC.5	Create media-rich presentations on the appropriate and ethical use of digital tools and resources	Keeping in mind copyright and plagiarism, technology tools are just more convenient to use for expression.	EACH			Summative/ Performance	toolbar, tweak, formula, domain, taskbar, format, SMART BOARD, file sharing, software
DC.6	Discuss the ramifications (digital footprint) of participating in questionable online activities (e.g., posting risque photos (poses and underage drinking or making threats to others)	All communication requires careful expression either through words, pictures or video. For each action there is a consequence.	EACH			Summative/ Performance	podcast, buttons, thread, file sharing, media, privacy, hyperlinks, email, blogging, chat, social networks, spam, input

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DC.7	Describe the potential risks and dangers associated with online communications	Risks and dangers begin with the privacy issue. Everything on the Internet is PUBLIC.	EACH			Summative/ Performance	copyright, scamming, authentic, digital, ettiquette,
	6. Technology Operations and Concepts						
	Students demonstrate a sound understanding of technology concepts, systems, and operations. Students will:						
TC.1	Identify file formats for a variety of applications.	Organization with technology depends on clear identification techniques and knowledge.	EACH		10	Summative/ Performance	authorship, dependence, color contrast, layout, font size, font style, centering, wrap text, merge, protected, folder, file, document

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TC.2	Use a variety of technology tools (e.g., dictionary, thesaurus, grammar-checker, calculator) to maximize the accuracy of technology-produced materials.	Understanding the advantages and disadvantages of software tools makes for more effective learners.	EACH		10	Summative/ Performance	spellcheck, capitalization, format, calculator, dictionary, suggestions
TC.4	Know how to create and use various functions available in a database (e.g., filtering, sorting, charts)	Chart creation as well as discernment in the attributes equating to "readability" and understanding.	EACH		10	Summative/ Performance	cells, columns, address, merge, wrap text, spacing, empty space, font, sizing, format, highlight, rows, editing, color contrast, font size, font style
TC.5	Identify a variety of information storage devices (e.g., CDs, DVDs, flash drives, SD cards)	Different storage devices have a history as well as proper placement.	EACH		4	Summative/ Performance	digital responsibility, USB port, CD, DVD, flash drives, SD cards, SMART cards, floppy drives

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TC.6	Use accurate technology terminology	Diagnosing and questioning requires specific identification of technological applications.	EACH		continuous	Summative/ Performance	malfunction, keyboard, program, CPU, monitor, mouse, cable, hardware, software, desktop, function
TC.8	Discuss possible uses of technology to support personal pursuits and lifelong learning.	Practical application(s) to career goals as well as life aspects make technology more understandable.	EACH		4	Summative/ Performance	online courses, blogging, web site creation, e-commerce
TC.9	Understand and discuss how assistive technologies can benefit all individuals.	Technology has a myriad of applications that make life more workable and convenient.	EACH		4	Summative/ Performance	accomodations, microphone, earphone
TC.10	Discuss security issues related to e-commerce.	There are dangers to be aware, especially privacy, of when using the Internet.	EACH		10	Summative/ Performance	"Think before you click"