Media Arts Curriculum Guidelines
Grade 5

Grade Five Information Literacy

STANDARDS	CONTENT/TOPIC	SKILLS	EXAMPLES	ASSESSMENT
PA 3.2: **Citizenship**	**Citizenship** **Review** Library holdings	**Distinguishes** between types of books found in library **Knows** arrangement of books **Determines** reference books are nonfiction books that may be used to find answers **Understands** that reference material is available in a variety of formats (e.g. print, nonprint, electronic, and online) **Uses** a variety of resources and materials from places such as school, public, or community **Identifies** librarian's role and role of volunteer aides **Knows and follows** circulation procedures **Demonstrates** responsible use of library materials	**Talk** about various resources found in the library (concentrate: on fiction vs. nonfiction, periodical vs. copyright) **Show** examples of books on the same topic and explain why in each case one book on a topic is nonfiction and the other is fiction **Have** a scavenger hunt for fiction and nonfiction books **Discuss** print and nonprint materials **Use** a sheet of paper numbered from 1-12, have students listen to descriptions of twelve books and identify if each book is fiction or nonfiction **Video** on **fiction and nonfiction** books	Oral discussion Checklist Observation

Grade Five Technology

STANDARDS	CONTENT/TOPIC	SKILLS	EXAMPLES	ASSESSMENT
ISTE 1b; 1c; 1d: **Empowered Learner** **ISTE 2a; 2b; 2c; 2d:** **Digital Citizenship** **ISTE 3d:** **Knowledge Constructor** **ISTE 5c; 5d:** **Computational Thinker** **ISTE 6a; 6a; 6b; 6c; 6d:** **Creative Communicator** **ISTE 7a; 7b; 7c; 7d:** **Global Collaborator**	**Safe and Ethical Actions** **Review** Internet use **Review** citing sources **Review** digital citizenship	**Knows** rules, and Acceptable Use Policy **Evaluates** website information to avoid inappropriate choices **Understands** online rules of not communicating with unknown users and giving out personal information **Adheres** to reporting objectionable websites and behavior **Comprehends** respecting others online **Understands** to cite sources to avoid plagiarism **Builds** a positive digital footprint **Knows** not to share username and password with others	**Use** the video **Finding Reliable Resources on the Internet** **Have** students explore the **Is Everything on the Internet True?** **Use** the video **Website Evaluation** (for Middle School Students) **Use** Common Sense lesson plan **Evaluating Websites** **Use** sites like **Kathy Schrock's Guide to Everything** **Demonstrate** how to examine and understand the purpose of a website **Uses** **NoodleTools** for citing sources **Use** **Carnegie Cyber Academy** **Use** Common Sense **What's My Digital Footprint?** lesson **Use** **Private and Personal Information** lesson on Common Sense Media **Use** **Building Your Digital Footprint** **Use** **Our Online Tracks** on Common Sense Media	Use a rubric Checklist Observation

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STANDARDS	**CONTENT/TOPIC**	**SKILLS**	**EXAMPLES**	**ASSESSMENT**
PA 1.1; 2.3; 3.1: **Organization**	**Organization** **Introduce** materials provided by information networks and electronic databases **Introduce** cross reference **Expand** Dewey Decimal System **Introduce** Library of Congress System **Introduce** Boolean operators	**Recognizes** Internet resources and search tools **Recognizes** reference material is available in a variety of formats (e.g. print, electronic, and online) **Knows** cross references (See and See also) **Knows** purpose of the Dewey Decimal System to pull together same subject and literary form **Recognizes** Dewey Decimal Classification headings and becomes familiar with books found in several classes **Identifies** easy, fiction, biography and nonfiction on the shelf using call number/letters **Recognizes** Library of Congress system (where, what, and access to) **Recognizes** Boolean operators, keywords, and subject terms (e.g.: "AND," "OR," "NOT")	**Access** electronic databases have students pick a topic to search **Use** a Dewey poster to review subjects and brainstorm topics that fit each general division in Dewey (Ex.: Social Science-armed forces; fairy tales; community helpers) **Video Shelving Non Fiction Library Books** **Use SMART Exchange** **Visit** websites about the Dewey Decimal System and the Library of Congress (**Can You Do Dewey**, **How To Use the Dewey Decimal System**, **Match Dewey Decimal System numbers**, **Dewey Decimal Fun**, **Dewey Decimal Game 2**, **Pete's PowerPoint Station**, **Library of Congress Classification System** **Video Library of Congress-Call Number and Shelving**) **Use** websites to show **Boolean operators** **Use Boolean Table Game**	Oral questing Visual observation

		Grade Five Technology		
STANDARDS	**CONTENT/TOPIC**	**SKILLS**	**EXAMPLES**	**ASSESSMENT**
ISTE 1d: **Empowered Learner** **ISTE 5d:** **Computational Thinker**	**Cross-Platform** **Review** computer parts **Review** care of computer **Review** access to devices **Introduce** transferring	**Can** name technology components: computer, digital devices, peripherals and explain functions **Knows** how to respect property **Knows and can** login and use devices, opens documents, Save as (select location network, flash drive, cloud location), select folder, if appropriate, and provide descriptive name for file, choose Save for subsequent changes, shut down devices **Understand** icons, opens files, applications **Locate and start** a program **Can** close a program **Locate and use** taskbar to switch between programs **Can use** menu and scroll bars	**Use BrainPop** lessons (this is a subscription site) **Have** students draw what they think a computer looks like inside subscription **Watch** videos on **GCFGlobal** for computer basic tutorials **Use BBC Bitesize** has games **Use Click-an-Learn** What's inside a computer **Have** students look up the history of computers at **Easy Science for Kids** **Model** how to download from the Internet	Oral discussion Checklist Observation

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STANDARDS	**CONTENT/TOPIC**	**SKILLS**	**EXAMPLES**	**ASSESSMENT**
PA 1.2; 2.1; 2.2: **Selection and Utilization**	**Selection and Utilization** Review parts of a nonfiction book Review nonprint materials Review online sources and online catalog access Introduce book awards Introduce how to evaluate library materials Introduce selecting materials based on individual needs Examine Boolean search terms (e.g.: "AND," "OR," "NOT")	Knows and uses words and definitions for parts of a nonfiction book Identifies information within print resources, e.g., table of contents, index, headings and subheadings, copyright date, glossary, and volume number Knows and uses nonprint materials (videotapes, computer, DVD's etc.) Able to access award winning books in library and online Identifies genres (e.g. fantasy, mystery, historical fiction, science fiction) Selects leisure reading for topic of interest using subject or author search Uses and evaluates information of online resources at school and from home Able to search using Boolean operators, keywords, and subject terms (e.g.: "AND," "OR," "NOT")	Create PowerPoint presentation about the parts of a book Locate and Define the parts of a book Locate how many pages are included in a chapter using the Table of Contents Use websites to show Boolean operators Use Boolean Table Game	Use a rubric for computer and Internet research Observation Oral questioning

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STANDARDS	**CONTENT/TOPIC**	**SKILLS**	**EXAMPLES**	**ASSESSMENT**
ISTE 1d: **Empowered Learner** **ISTE 2b:** **Digital Citizenship** **ISTE 5a; 5d:** **Computational Thinker** **ISTE 6a; 6d:** **Creative Communicator** **ISTE 7d:** **Global Collaborator**	**Keyboarding and Manipulation Skills** Review keyboarding and proper posture Review digital equipment	Knows and uses home row, correct hand placement, functional keys, enter, spacebar, tab, backspace, delete, arrows and shift (for alternating between upper-case and lower-case letters) Practice accuracy and speed Knows how to turn on/off Move mouse, click, double click, point, right click, swipe, and scrolling Selection tapping, single, and double Can use a touchpad Writing/Drawing with mouse or stylus Select printer, make selections, e.g. two copies and print, print in black and white Read and uses application menus and toolbars Can download an application on a computer or app on a tablet	Have students use web based keyboarding programs (Dance Mat Typing, TypingClub, Typing, and Common Sense Media Best Typing Games for Students list) Have students use Crazy4Computers Using a Chromebook keyboard and touchpad Using a Touchpad or Trackpad Use Stylus Pen on a Computer Trackpad Have students use Google Auto Draw	Observation

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STANDARDS	CONTENT/TOPIC	SKILLS	EXAMPLES	ASSESSMENT
PA 1.3; 2.3; 3.2: Comprehension	Comprehension Review reference books Introduce specialized encyclopedias Review Works Cited in MLA format Review plagiarism Review note-taking and paraphrasing Knows outlining	Uses and organizes information from: Dictionary, Thesaurus, Atlas, Almanac, Encyclopedias, and specialized books Understands specialized encyclopedias focus on particular topics, cultures, time periods, etc. Knows information contained in a dictionary entry Differentiates between qualities of useful reference resources Knows signed and unsigned articles, general characteristics, and when to use an encyclopedia Knows online reference databases (Power Library, Fact Monster, Refdesk, Infoplease, Brightpips and other Online references) Understands Library of Congress for primary and secondary sources Knows citing sources in correct format using MLA (Modern Language Association) for books, magazines, reference books, interviews, and Internet Knows ethical, legal, and responsible ways to use print and nonprint materials Knows plagiarism and its implications Understands why effective note taking is one of the most important steps in research Knows there are various types of notes you take for different purposes Can understand, recall, interpret, summarize, and paraphrase material presented	Reference quest to know which book will access information the quickest Have students use the Catholic Encyclopedia to research the sacraments Identify and Locate type of reference used when answering questions Develop research project (through cooperative planning with teacher) include Works Cited Revise and Edit project Collect information using available primary and secondary resources Review the various tools available for research Develop note-taking skills to record information, e.g., take notes using NoodleTools, photocopy, download, dictate Use NoodleTools to cite sources Explore other sites for citing sources EasyBib, Citation Machine, BibMe Encourage students to use direct quotation skills in notetaking, when needed Knows safe, responsible, ethical, and legal use of materials	Written reports Oral reports Rubrics for research Skills projects

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STANDARDS	**CONTENT/TOPIC**	**SKILLS**	**EXAMPLES**	**ASSESSMENT**
ISTE 1b; 1d: **Empowered Learner** **ISTE 7a:** **Global Collaborator**	**Word Processing** **Introduce** word processing terms **Review** document formatting **Review** special features	**Understands** terms, vocabulary, and purpose **Can** create a new document, open a document, and save a document **Uses and can** insert text, edit without erasing full lines, use cursor to locate insertion point **Understands** word wrap, touching the enter key for a new line **Practices** typing with correct punctuation **Can** format text with font choice, size, color, style **Practices** highlighting text **Can** delete text **Practices** importing graphics from clip art, prepare word art (if available), gather graphics from outside sources, e.g. Internet (citation), save to file, import graphics from file, and format graphics/pictures **Uses** find and replace, cut, copy, paste, create an outline, use bullets, numbering, outline function, select symbols **Understands and chooses** appropriate visual modes: normal, print and web modes **Practices** using page setup for portrait/landscape choice, margins, paper choices **Can** choose line spacing, single, double, multiple line spacing **Uses** spell check and thesaurus to enhance writing **Can** insert date, time **Practices** inserting page numbers, headers and footers **Can use** drawing tools, create a table, format a table, spacing, color, header rows, and sizing **Uses** a blog to communicate, inserts text, saves, posts when required (monitored by teacher) **Understands** purpose for and uses email effectively (if permitted by school)	**Emphasize** the use of word processing tools (including but not limited to) Google Docs, Microsoft Word, Open Office Writer, MAC IWorks Pages, Blogs, and Email **Use Word Processing Can Be Lots of Font!** videos **Use Hot Chalk** lesson plans for Word Processing **Use Google Docs Scavenger Hunt** **Using Google Docs Toolbar** **Intro** to **Google Docs** **Use a short video for formatting** **Inserting images into Google Docs** **Use Google Docs Formatting site** **Using email Common Sense Media**	Observation Checklist

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STANDARDS	**CONTENT/TOPIC**	**SKILLS**	**EXAMPLES**	**ASSESSMENT**
ISTE 1d: **Empowered Learner** **ISTE 3a:** **Knowledge Constructor** **ISTE 4c:** **Innovative Designer** **ISTE 5a; 5b:** **Computational Thinker** **ISTE 7d:** **Global Collaborator**	**Research Skills** **and** **Interactive Discovery** **Review** Acceptable Use Policy **Review** Internet searching	**Knows** Acceptable Use Policy **Understands** purpose of research **Uses** search terms **Knows** there are different browsers, inserting web address, keyword search, advanced search techniques, using Boolean operations (and/or/*/not), and rudiments of copyright rules, cites information, **Uses** browser, links, Web 2.0 skills for discovery, tablet (iPad/Android), and Apps for inquiries	**Emphasize** the use of tools such as browsers, search engines, and Web 2.0 tools **Using a web browser,** **Boolean Logic Common Sense Media,** **Booleans and Logic**	Create a rubric Projects Observation

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STANDARDS	**CONTENT/TOPIC**	**SKILLS**	**EXAMPLES**	**ASSESSMENT**
PA 1.3; 2.1; 3.2; 3.3: **Presentation and Appreciation**	**Presentation** **and** **Appreciation** **Review** author study **Review** book awards: Newbery, Coretta Scott King, Regina Medal **Review** Copyright Law **Review** Library of Congress **Review** primary and secondary sources **Review** "fair use"	**Discovers** biographical information about an author **Identifies** books an author has written **Recognizes** genre of books **Recognizes** databases for author research **Understands** how to do an "Author Quest" **Locates and uses** Newbery, Caldecott, Coretta Scott King, Regina Medal winners **Recognizes** benefits of winning book awards **Identifies and Reads** award-winning books in the library **Knows** copyright as protection by law **Understands** Library of Congress as place to obtain a copyright **Recognizes** primary and secondary sources **Understands** "fair use" as our right to use copyrighted materials	**Visit** sites about authors **Scholastic,** **The Federation of Children's Book Groups, HarperCollins Children's Books, Reading Rockets, TTLC, University of West Florida Favorite Authors, KidsReads** **Create** a biographical poster, bookmark, or crossword puzzle about an author **Read** selected works in Lit Circle/Small group format **Discuss** various medals and awards **Guided** selection/integrated lessons with/ILA to read medal winning works **Write** to an author **Explore** website dealing with children's book awards **ALA, Infosoup, Clemson Libraries, The Children's Book Council** **Visit Library of Congress** **Show National Archives** for primary source America's Founding Documents **Visit Copyright with Cyberbee**	Book talks Literature Circle Summary activity Author studies

			Hold a kids' court to discuss rights of both parties	
		Grade Five Technology		
STANDARDS	**CONTENT/TOPIC**	**SKILLS**	**EXAMPLES**	**ASSESSMENT**
ISTE 1b; 1d: **Empowered Learner** **ISTE 7:** **Global Collaborator**	**Presentation** **Review** multimedia skills **Review** illustration, photo editing, web design skills	**Knows** to choose layout and slide style **Can** create text, format text, choose bullets, symbols, create new slide, and duplicate slide **Knows** how to insert background (color, patterns, and pictures) **Knows** how to import graphics, pictures, and videos **Knows** how to insert sound **Practices** how to prepare transitions and custom animations **Practices** inserting and creating buttons **Practices** how to switch between views (editing mode and viewing modes) **Practices** applying timing **Practices** navigating slides during presentation **Checks** presentation for readability, coherence, applicability, attractiveness, and uniformity	**Creating** presentations using tools including but not limited to: Microsoft PowerPoint, Google Slides, Open Office Impress, and MAC IWorks, or Keynote **Great Google Slide Activity for Students** **Google Slides: Ideas for the Classroom** **Audio Recording Tools for Google Slides** **How to Add Sound to Google Slides** **Create** presentations using tools including but not limited to: Microsoft PowerPoint, Google Slides, Open Office Impress, MAC IWorks, Keynote, Windows Paint, Tux Paint, Sketchup, Scratch, Alice, and Audacity **Use Google Slides Resources** **Create** stop motion animation with **Google Slides**	Assign projects Observation Rubrics

ISTE 1c:
Empowered Learner
 	
ISTE 2d:
Digital Citizen
 	
ISTE 3a; 3b:
Knowledge Constructor
 	
ISTE 5a; 5b; 5d:
Computational Thinker
	Design
	Review hyperlinks
	Review transitions, timing, and animation
		Creates a simple illustration
		Uses menu, toolbars, and ribbons
		Can open, save, print, and insert slides
		Can insert text, images, background color background images, sound (music and narration, and animation (motion)
		Uses various layouts and designs
		Can how to rearrange material
		Can add hyperlinks to project
		Uses transitions, controls timing, and animation of text/images
		Can create a simple animation using transition and timing
		Can create images from created material
		   • Save slides as a jpg–image file
		   • Take print screen from computer
		Can create a podcast (audio recording with microphone and device on computer or mobile device)
		Uses simple photo editing program, follow menu items
		Can use animation program
		Can use programming/illustration tool (Alice, Scratch, Sketchup)
			Have students create **storybooks with Google Slides**
			Have students participate in **Hour of Code**
			Use sites like **Code, Code for Life, Tynker** (subscription), and **Codesters**
			Have students create games using programming tools
				Assign projects
				Observation
				Rubrics

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STANDARDS	**CONTENT/TOPIC**	**SKILLS**	**EXAMPLES**	**ASSESSMENT**
ISTE 3a; 3b: **Knowledge** **Constructor** **ISTE 5a; 5d:** **Computational** **Thinker**	**Data Analysis** **Introduce** spreadsheets **Introduce** databases **Introduce** data analysis	**Knows** structure of a spreadsheet: columns, rows, cells, entering data **Knows** how to modify spreadsheet height, width, size, text, alignment **Formats** cells/spreadsheets using borders, shading, patterns, and text wrapping **Uses** "number" formatting correctly (general, dates, currency, and decimals) **Can** merge and split cells **Can** "drag" to populate cells with same (copy) or successive data in a range **Uses** functions (Sum, Average, and more) **Knows how to** create charts: labels and interprets **Understands** purpose of a database **Knows** terminology of databases: record and field **Knows** how to insert data **Knows** how to sort data **Knows** how to read database report	**Have** students use tools such as Google Sheets, Microsoft Excel, Open Office Calc and Base, and MAC IWorks Numbers **Videos** on using **Google Spreadsheets** **Video for creating a Google Sheets** **Have students build learning databases with Google Sheets** **Visit How to Describe a Database to a Child** **Use Teaching Ideas Database Lessons**	Create a rubric Projects Observation