

Northfield Public Schools
K-5 Media & Technology Curriculum 2014

1. MEDIA CENTER ORIENTATION	K	1	2	3	4	5
1.1 Library Media Center <ul style="list-style-type: none"> ● Knows library media center layout ● Follows checkout and return procedures 	I	D	D	D/A	S	S/A
<ul style="list-style-type: none"> ● Locates “everybody”/picture books by alphabetical order ● Locates fiction/chapter books by alphabetical order 		I	D	D	S	S
<ul style="list-style-type: none"> ● Understands call number and Dewey decimal organization 				I/A	D	D/A
1.2 Online Catalog (Electronic) <ul style="list-style-type: none"> ● Uses keyword, author, title, and subject searches to identify and locate resources within media center (e.g., Destiny) 				I	D	D
2. LITERATURE APPRECIATION	K	1	2	3	4	5
2.1 Literature <ul style="list-style-type: none"> ● Participates in read-aloud, storytelling and a variety of reading experiences ● Reads for a variety of purposes (reading for pleasure, reading to find information) 	I	D	D	D	D	D
<ul style="list-style-type: none"> ● Uses a reading selection strategy such as Just Right Books or 5 Finger Rule 			I	D		
<ul style="list-style-type: none"> ● Recognizes state and national literary awards and their significance ● Identifies differences in stories told using different types of media 		I	D	D	D	D
<ul style="list-style-type: none"> ● Recognizes a variety of literary genres ● Appreciates and is aware of literature from different cultures 				I	D	D
2.2 Author Appreciation <ul style="list-style-type: none"> ● Participates in an author/illustrator study ● Recognizes and appreciates the styles of various authors and illustrators ● Recognizes series books by various authors ● Compares and contrasts the same story presented by different authors 	I	D	D	D	D	D
2.3 Reading Strategies for Fiction and Non-fiction <ul style="list-style-type: none"> ● Is able to identify characters, setting and plot ● Retells a story in correct sequence from beginning to middle to end 	I	D	D	D	S	S
<ul style="list-style-type: none"> ● Identifies parts of a book including author, illustrator, copyright, spine ● Understands the use of the table of contents, captions, glossary 			I	D	D	D

3. RESEARCH-THE BIG6™ INFORMATION PROBLEM-SOLVING PROCESS	K	1	2	3	4	5
<p>3.1 Students will follow Northfield’s information literacy skills process, which is based on ITEM standards and the Big 6. Note: Implementation of the Big6™ is most successful when the media specialist and classroom teacher collaborate.</p> <p>1. Task Definition</p> <ul style="list-style-type: none"> ● Define the information problem/task ● Generate appropriate, authentic and significant questions based on interests, observations, information or stories ● Identify the information needed to complete the task <p>2. Information Seeking Strategies</p> <ul style="list-style-type: none"> ● Determine the range of possible sources. When developmentally appropriate, use multiple resources from diverse perspectives to more fully answer the research questions <p>3. Location and Access</p> <ul style="list-style-type: none"> ● Locate and select resources appropriate to reading level ● Find and evaluate information within sources (consider currency, accuracy, relevance, bias, intended audience, fact/opinion and purpose) <p>4. Use of Information</p> <ul style="list-style-type: none"> ● Identify the relevant information in a source (e.g., read, listen, view) ● Summarize and record information using a variety of methods (notes, charts, graphic organizers, documents etc.) <p>5. Synthesis</p> <ul style="list-style-type: none"> ● Organize information from multiple sources <ul style="list-style-type: none"> ● Identify categories, themes, and trends ● Draw conclusions and/or identify solutions using facts and details to support the conclusion ● Create and edit the project using the best medium to communicate the information effectively ● Record bibliographic information in a standard format ● Finalize and present the information <p>6. Evaluation</p> <ul style="list-style-type: none"> ● Evaluate the product (its effectiveness), seeking review through self-reflection, peer review, and teacher feedback 		<p>I/A</p> <p>Students will use the Super 3 Plan, Do, Review</p>	<p>I/A</p> <p>Students will use the Super 3 Plan, Do, Review</p>	<p>I/A</p>	<p>D/A</p>	<p>D/A</p>

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<ul style="list-style-type: none"> Evaluate the information problem solving-process (its efficiency) Identify questions and ideas for further investigation <p>The Big6™ is copyright © 1987 Michael B. Eisenberg and Robert E. Berkowitz. For more information visit: www.big6.com</p>						
3.2 Notetaking <ul style="list-style-type: none"> Identifies topics, facts and supporting details in non-fiction text 			I	D	D	D
<ul style="list-style-type: none"> Understands difference between materials selected from the library media center, information selected from a database and information available in a free internet search Scans titles, headings, images and captions to identify what should be read in depth 				I	D	D
3.3 Print Resources <ul style="list-style-type: none"> Locates and uses nonfiction print resources Uses index and table of contents to locate information Uses guide words to locate information 			I	D	D	S
3.4 Online Databases <ul style="list-style-type: none"> Uses an online encyclopedia such as World Book or database such as Gale InfoTrac 		I	I	D	D	D
4. TECHNOLOGY SKILLS	K	1	2	3	4	5
4.1 Computer--Basic Operations and Concepts <ul style="list-style-type: none"> Understands how to start, log on, shutdown, and restart Understands use of mouse Demonstrates basic care of a computer and its components Understands basic use of desktop icons, toolbars, taskbar, and start menu Opens, uses, and closes software 	I	I	D	D	D	D
<ul style="list-style-type: none"> Saves and opens files Prints a document with permission, using print preview to avoid waste Minimizes and maximizes windows 		I	I	D	D	D
4.2 iPad--Basic Operations and Concepts <ul style="list-style-type: none"> Demonstrates basic care of an iPad Understands basic use of home button, tapping, swiping Opens, uses, and closes apps 	I	I	D	D	S	S
<ul style="list-style-type: none"> Understands how to upload or share projects/documents from apps to cloud storage such as Google Drive 					I	D

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4.3 Internet <ul style="list-style-type: none"> Understands basic terminology and navigation of the internet Accesses bookmarked websites 	I	I	D	D	D	D
<ul style="list-style-type: none"> Conducts keyword searches using a general search engine (ex. Google, yahoo, Ask) Evaluates the credibility of a website Understands page ranking and sponsored links Understands basic structure of a URL, including major domains: .edu, .com, .net, .org 					I	D
4.4 Word Processing <ul style="list-style-type: none"> Enters and deletes text Understands cursor position, insert and return 		I	D	D	S	S
<ul style="list-style-type: none"> Types capital letters Types punctuation marks Understands how to space text correctly Selects and edits text - changes font, size and style 		I	D	D	S	S
<ul style="list-style-type: none"> Performs cut/copy/paste text functions Uses the tab key to indent paragraphs Aligns text – center, right and left Uses spell and grammar check Uses undo and redo Changes line spacing <p>Note: The above skills are taught in media class. Keyboarding is taught by 4th and 5th grade classroom teachers according to the district keyboarding curriculum scope and sequence.</p>				I	D	D
4.5 Graphics <ul style="list-style-type: none"> Uses paint and draw tools, including pencil, fill, eraser, line, shapes, fill patterns, paint brush and spray can 	I	D	D	D	D	S
<ul style="list-style-type: none"> Inserts appropriate graphics Moves, resizes and formats graphics 	I	I	D	D	D	D
<ul style="list-style-type: none"> Uses the text wrap feature 				I	D	D
<ul style="list-style-type: none"> Uses a camera or iPad to take a picture or video 			I	D	D	S
<ul style="list-style-type: none"> Uses visual thinking software to graphically organize ideas and information (calendars, timelines, concept webs, flow charts, outlines, etc.) 			I	D	D	D

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4.6 Presentations <ul style="list-style-type: none"> ● Creates a presentation that includes text and/or graphics 				I	D	D
<ul style="list-style-type: none"> ● Incorporates images from the internet ● Links two or more slides using transitions ● Creates custom animations in presentations 				I	D	D
<ul style="list-style-type: none"> ● Creates audio for a presentation ● Creates a short video for a presentation 					I	D
<ul style="list-style-type: none"> ● Plans a presentation using a template, scripts, storyboard, and sounds 					I	I
4.7 Basic Layout and Design <ul style="list-style-type: none"> ● Recognizes the effective placement of images ● Recognizes the effective use of color ● Recognizes visual balance ● Uses consistent formatting ● Recognizes that images and transitions should enhance and not distract viewers from the text ● Uses text formatting effectively to meet the purpose of the project 				I	D	D
4.8 Social and Ethical Issues <ul style="list-style-type: none"> ● Understands that private information should not be shared online without permission of a parent or teacher ● Understands the difference between appropriate and inappropriate websites ● Has an awareness of cyberbullying ● Communicates ideas in a respectful manner following digital etiquette ● Understands concepts of copyright and plagiarism 				I	D	D/A
4.9 Critically evaluates films, recordings, and other multimedia formats <ul style="list-style-type: none"> ● Recognizes that most media messages are constructed to sell products and/or influence ● Recognizes how media influences behavior through stereotypes, violence, advertising, etc. ● Analyzes how media messages are constructed, how values and points of view are embedded, and how people interpret them differently 					I	I