

**School District of Whitefish Bay
Technology Standards and Benchmarks
Map for Core Technology Curriculum K-12**

Area Technology	Technology Literacy Standard #1 Students will develop the ability to use a variety of technology tools in order to facilitate and demonstrate learning.	K	1	2	3	4	5	6	7	
K-2 Benchmarks	2.1 Locate and use letters, numbers, symbols (period, question mark, arrows) and special keys (shift, space, delete, caps lock, escape).	I	I	D						
	2.2 Demonstrate beginning word processing techniques (font, size, style, line spacing, justification and graphics).									
	2.3 Participate in the production of a developmentally appropriate multimedia product.	I	I	D						
	2.4 Be introduced to teacher-guided search of book marked web sites.		I	D						
	2.5 Use age-appropriate curricular software independently and collaboratively.	I	I	D						
	2.6 Use basic graphics tools to represent a curricular concept.	I	I	D						
	2.7 Observe teacher directed use of spreadsheets and databases.									
	2.8 Use technology resources for problem solving, communication and illustration of thoughts, ideas and stories.	I	I	I						
	2.9 Create, save and retrieve electronic files.		I	D						
3-5 Benchmarks	5.1 Demonstrate proper keyboarding techniques for keyboarding all letters and numbers.				D	P	P			
	5.2 Use word processing skills to edit and compose an essay (cut, copy, paste, tab, spell check, columns, header and footer).				I	D	P			
	5.3 Create a multimedia product incorporating two or more types of media.				D	P	P			
	5.4 Use teacher book marked web sites to gather factual information.				D	P	P			
	5.5 Utilize age-appropriate curricular software independently and collaboratively.				P	P	P			

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	5.6 Use a prepared database to enter and edit data.					D	D			
	5.7 Use a prepared spreadsheet to enter, edit and calculate data and to create graphs. (Template use)					D	D			
	5.8 Use technology resources for problem solving, communication, self-directed learning and extended learning activities.				D	P	P			
	5.9 Create, save, move, copy, retrieve organize and delete electronic files.				P	P	P			
6-8 Benchmarks	8.1 Apply proper keyboarding techniques for keyboarding all letters and numbers.							P	IA	IA
	8.2 Edit and create word processing documents.							D	P	IA
	8.3 Determine and use the most effective technology to create a multimedia project.							D	P	P
	8.4 Analyze, synthesize and interact with information on web sites.							D	D	D
	8.5 Use age appropriate curricular software independently.							P	P	IA
	8.6 Edit and create databases (sort, reports, layouts).							I	I	I
	8.7 Use, edit and create spreadsheets incorporating charts and formulas.							I	D	D
	8.8 Use technology resources for research, projects and presentations.							P	IA	IA
	8.9 Independently save, move, copy, retrieve, organize and delete electronic files.							P	P	IA

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Area Technology	Technology Literacy Standard #1 Students will develop the ability to use a variety of technology tools in order to facilitate and demonstrate learning.	9	10	11	12
9-12 Benchmarks	12.1 Apply proper keyboarding techniques for keyboarding all letters and numbers.	IA	IA	IA	IA
	12.2 Become independent users of word processing software and use appropriately for written assignments in all curricular areas.	IA	IA	IA	IA
	12.3 Become independent users of multimedia presentation tools for presentation, demonstrations or simulations in all curricular areas where appropriate.	D	D	IA	IA
	12.4 Become critical users of the World Wide Web for lifelong learning.	P	IA	IA	IA
	12.5 Use appropriate curricular software independently.	IA	IA	IA	IA
	12.6 Become independent users of databases.	D	P	IA	IA
	12.7 Become independent users of spreadsheets.		D	IA	IA
	12.8 Become independent users of technology resources for research, projects and presentations.	I	P	IA	IA
	12.9 Independently save, move, copy, retrieve, and delete electronic files.	IA	IA	IA	IA

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Area Technology	Technology Literacy Standard #2 Students will use technology to communicate in various ways.	K	1	2	3	4	5	6	7	8
K-2 Benchmarks	2.1 Communicate electronically using email for academic purposes under teacher supervision.									
	2.2 Utilize software to create simple publications with teacher direction.	I	D	D						
	2.3 Generate ideas to share with various audiences using technology.	I	D	D						
	2.4 Contribute to, create, and evaluate a simple multimedia presentation.	I	D	D						
3-5 Benchmarks	5.1 Communicate electronically using email and attachments for academic purposes under teacher supervision.									
	5.2 Utilize software to create publications.				D	D	P			
	5.3 Prepare material for possible submission to be placed on a web page.									
	5.4 Create, deliver and evaluate a multimedia presentation.				D	D	P			
6-8 Benchmarks	8.1 Communicate electronically using email for academic purposes under teacher supervision.							P	IA	IA
	8.2 Utilize software to create publications.							D	P	IA
	8.3 Prepare material for possible submission on a web page by the school Webmaster.							D	D	D
	8.4 Create, deliver and evaluate a multimedia presentation appropriate software presentation tools.							P	P	IA

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Area Technology	Technology Literacy Standard #2 (continued) Students will use technology to communicate in various ways.	9	10	11	12
9-12 Benchmarks	12.1 Communicate electronically by using email (send, receive, attachments)	IA	IA	IA	IA
	12.2 Utilize software to create publications independently.				
	12.3 Update web pages created by the teacher. Prepare material for possible submission on a web page.				
	12.4 Create, deliver and evaluate a multimedia presentation.	P	P	IA	IA

Area Technology	Technology Literacy Standard #3 Students will understand and operate computer systems and other technologies.	K	1	2	3	4	5	6	7	8
K-2 Benchmarks	2.1 Identify functions of the physical components of a computer system (e.g. monitor, keyboard, disk drive, printer, mouse).	I	I	D						
	2.2 Perform the basic functions of a computer and other technology tools (on/off, open/close, save/delete, print).	I	I	D						
	2.3 Identify and use fundamental computer terminology (e.g. disk, software, hardware, cursor).	I	I	D						
	2.4 Demonstrate proper use and care of technology tools (e.g. calculator, audio and video equipment, etc.).	I	I	D						
3-5 Benchmarks	5.1 Identify the physical components of a computer system and their function.				P	P	P			

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	5.2 Utilize networked software and other peripheral devices.				I	D	D			
	5.3 Use more sophisticated technology terminology (word processor, multimedia, spreadsheet, database, email, Internet, etc.).				I	D	P			
	5.4 Choose and use appropriate applications for the task.				I	D	P			
6-8 Benchmarks	8.1 Identify the physical components of a computer system and network.							P	IA	IA
	8.2 Independently utilize networked software and other peripheral devices.							D	P	IA
	8.3 Use appropriate specific terminology when communicating about technology.							P	P	P
	8.4 Select and use appropriate technology tools, video, computer, scanner, digital camera, calculator, etc., for the task							D	IA	IA

Area Technology	Technology Literacy Standard #3 (continued) Students will understand and operate computer systems and other technologies.	9	10	11	12
9-12 Benchmarks	12.1 Review and use different functions and operations of computer systems and networks.	D	P	IA	IA
	12.2 Utilize networked software and other peripheral devices.	IA	IA	IA	IA
	12.3 Apply technology terminology when appropriate.	D	D	P	P
	12.4 Independently select and use appropriate technology tools, video, computer, scanner, digital camera, calculator, etc., for the task.	IA	IA	IA	IA

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Area Technology	Technology Literacy Standard #4 Students will understand, respect and apply rules of ethics and be responsible users of technology.	K	1	2	3	4	5	6	7
K-2 Benchmarks	2.1 Be aware of copyright laws.	I	I	I					
	2.2 Compare and evaluate information from different sources.			I					
	2.3 Be aware and determine the need for citing sources.			I					
	2.4 Recognize the proper use of technology tools.	I	I	D					
	2.5 Follow and appreciate a need for the district Acceptable Policy Use.	I	I	D					
3-5 Benchmarks	5.1 Demonstrate an understanding of copyright laws.				D	D	D		
	5.2 Evaluate the accuracy, appropriateness, and bias of electronic information resources.				I	D	D		
	5.3 Include all necessary source information (web site address, title, author and copyright date) when citing electronic information.				I	D	D		
	5.4 Understand the difference between appropriate and inappropriate use of technology tools and sources.				D	D	D		
	5.5 Follow and appreciate a need for the district Acceptable Use Policy.				D	D	D		

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6-8 Benchmarks	8.1 Demonstrate an understanding of copyright laws.							D	D	D
	8.2 Evaluate the validity of sources based on various criterion and understand the origin and type of resources used.							D	D	P
	8.3 Cite all necessary source information (web site address, title, author and copyright date), asking the author's permission for use when necessary.							D	D	P
	8.4 Discriminate between responsible and irresponsible use of technology tools.							P	P	P
	8.5 Follow and appreciate a need for the district Acceptable Use Policy.							P	P	P

Area Technology	Technology Literacy Standard #4 (continued) Students will understand, respect and apply rules of ethics and be responsible users of technology.	9	10	11	12
9-12 Benchmarks	12.1 Demonstrate an understanding of copyright laws.	D	P	P	P
	12.2 Compare, analyze, and evaluate the validity of sources.	D	P	IA	IA
	12.3 Cite all necessary source information (web site address, title, author and copyright date).	P	P	P	IA
	12.4 Demonstrate responsible use of technology tools.	D	D	P	IA
	12.5 Follow and appreciate a need for the district Acceptable Use Policy.	D	IA	IA	IA

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