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Strand: Practical Technology Concepts									
Substrand: Skills and Tools									
Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Rationale
						NEW (H) use productivity tools found in spread sheet, word processing, and publication applications to create digital artifacts such as reports, graphs and charts <del>6.6.L create and edit files with productivity tools, including:</del>	NEW (H) use productivity tools found in spread sheet, word processing, and publication applications to create digital artifacts such as reports, graphs and charts with increasing complexity <del>7.6.L create and edit files with productivity tools, including:</del>	NEW (H) use productivity tools found in spread sheet, word processing, and publication applications to create digital artifacts such as reports, graphs and charts with increasing complexity <del>8.6.L create and edit files with productivity tools, including:</del>	Work group felt strongly that this student expectation and its romanettes could be significantly reduced while still keeping the productivity tools and allowing more instructional flexibility; workgroup will seek to add additional references to productivity tools to other student expectations where appropriate

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						NEW (I) use multiple technology tools with support to design and create digital projects such as digital portfolios, multimedia, a blog, or a webpage <del>6.6.M plan and create non-linear media projects using graphic design principles; and</del>	NEW (I) use collaboratively multiple technology tools with support to design and create, revise or responsibly remix digital projects such as digital portfolios, multimedia, a blog, or a webpage <del>7.6.M plan and create non-linear media projects using graphic design principles</del>	NEW (I) use collaboratively multiple technology tools to design and create, revise, or responsibly remix and publish digital projects such as digital portfolios, multimedia, a blog, or a webpage <del>8.6.M plan and create non-linear media projects using graphic design principles; and</del>	Work group differentiated grade levels and combined previous (M) and (N); aligns with ISTE Student Standard 1.6.b, which does not mention graphic design; aligns with MA 6-8.DTC.a.4 (collaboration and examples); NY (publishing); CCRS I.E.2. Work collaboratively
						<del>6.6.L.i a word processing document using digital typography standards such as page layout, font formatting, paragraph formatting, and list attributes;</del>	<del>7.6.L.i a word processing document using digital typography standards such as page layout, font formatting, paragraph formatting, and list attributes;</del>	<del>8.6.L.i a word processing document using digital typography standards such as page layout, font formatting, paragraph formatting, mail merge, and list attributes;</del>	

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						6.6.L.ii a spreadsheet workbook using basic computational and graphic components such as basic formulas and functions, data types, and chart generation;	7.6.L.ii a spreadsheet workbook using advanced computational and graphic components such as complex formulas, basic functions, data types, and chart generation;	8.6.L.ii a spreadsheet workbook using advanced computational and graphic components such as complex formulas, advanced functions, data types, and chart generation;	
						6.6.L.iii a database by manipulating components such as entering and searching for relevant data; and	7.6.L.iii a database by manipulating components such as defining fields, entering data, and designing layouts appropriate for reporting; and	8.6.L.iii a database by manipulating components, including defining fields, entering data, and designing layouts appropriate for reporting; and	Databases are not as big a need as they once were; perhaps not appropriate for grade 8; data collection: databases are more appropriate in that strand
						6.6.L.iv a digital publication using relevant publication standards;	7.6.L.iv a digital publication using relevant publication standards;	8.6.L.iv a digital publication using relevant publication standards and graphic design principles;	

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						6.6.N integrate two or more technology tools to create a new digital product.	7.6.N integrate two or more technology tools to create a new digital product.	8.6.N integrate two or more technology tools to create a new digital product.	

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