Technology Applications Vertical Alignment

Standards

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Organizing Substrands

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Description of the Organizing Strands

7(.6   F R Q V L V W   R I   4 Y H   V W U D Q G V   W K D W   S U H S D U H

Computational thinking

Creativity and innovation

Data literacy, management, and representation

Digital citizenship   6 W X G H Q W V   S U D F W L F H   H W K L F D O   D Q G   H•H F W L Y H   D S S O L F D W L R Q

Practical technology concepts

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Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5

Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8

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Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8

Technology Applications K–8 Vertical Alignment

Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8

Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
	(4) Creativity and innovation-- emerging technologies. The student understands that technology is dynamic and impacts different communities. The student is expected to	(4) Creativity and innovation-- emerging technologies. The student demonstrates an understanding that technology is dynamic and impacts different communities. The student is expected to	(4) Creativity and innovation-- emerging technologies. The student demonstrates an understanding that technology is dynamic and impacts different communities. The student is expected to	(4) Creativity and innovation-- emerging technologies. The student demonstrates an understanding that technology is dynamic and impacts different communities. The student is expected to	(4) Creativity and innovation-- emerging technologies. The student demonstrates an understanding that technology is dynamic and impacts different communities. The student is expected to	(4) Creativity and innovation-- emerging technologies. The student demonstrates a thorough understanding of the role of technology throughout history and its impact on societies. The student is expected to:	(4) Creativity and innovation-- emerging technologies. The student demonstrates a thorough understanding of the role of technology throughout history and its impact on societies. The student is expected to:	(4) Creativity and innovation-- emerging technologies. The student demonstrates a thorough understanding of the role of technology throughout history and its impact on societies. The student is expected to:

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Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
(4) Data literacy, management, and representation-- student defines data and **explains how**								

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Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
			(6) Data literacy, management, and representation-- organize, manage, and analyze data. The student uses data to answer questions. The student is expected to	**(6) Data literacy, management, and representation-- organize, manage, and** ~~The student~~ **uses data to** ▮▮▮▮▮ **questions. The** ▮▮▮▮▮ **expected to**	**(6) Data literacy, manata. and**			

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Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
(5) Digital citizenship--social interactions. The student identifies appropriate ways to communicate in various digital environments.								

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Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8

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Technology Applications K

Kindergarten	

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Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
(7) Digital citizenship-- privacy, safety,								

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Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	

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Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
			(11) Practical technology concepts--processes. The student engages with technology systems, concepts, and operations. The student is expected to:	(11) Practical technology concepts--processes. The student engages with technology systems, concepts, and operations. The student is expected to:	(11) Practical technology concepts--processes. The student engages with technology systems, concepts, and operations. The student is expected to:	(11) Practical technology concepts--processes. The student evaluates and selects appropriate methods or techniques for an independent project and identifies and solves common hardware and software problems using troubleshooting strategies. The student is expected to	(11) Practical technology concepts--processes. The student evaluates and selects appropriate methods or techniques for an independent project and identifies and solves common hardware and ▮▮▮▮▮	

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Technology Applications K–8 Vertical Alignment

Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
(8) Practical technology concepts--								

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Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8

Technology Applications K–8 Vertical Alignment

Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8

Technology Applications K–8 Vertical Alignment

Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8