

Instructional Technology: Introductory Level (up to Grade 5)

The student will demonstrate knowledge of basic operations and concepts. [1](#)

- 1** Use keyboards and other common input and output devices (including adaptive devices when necessary) efficiently and effectively. [1.1](#)
- 2** Discuss common uses of technology in daily life and the advantages and disadvantages those uses provide. [1.2](#)

The student will demonstrate knowledge of social, ethical, and human issues, discuss basic issues related to responsible use of technology and information and describe personal consequences of inappropriate use. [2](#)

- Standard 2** The student will demonstrate knowledge of social, ethical, and human issues, discuss basic issues related to responsible use of technology and information and describe personal consequences of inappropriate use. [2](#)

The student will demonstrate knowledge of technology productivity tool. [3](#)

- 1** Use general-purpose productivity tools and peripherals to support personal productivity, remediate skill deficits, and facilitate learning throughout the curriculum. [3.1](#)
- 2** Use technology tools (e.g., multimedia authoring, presentation, Web tools, digital cameras, scanners) for individual and collaborative writing, communication, and publishing activities to create knowledge products for audiences inside and outside the classroom. [3.2](#)

The student will demonstrate knowledge of technology communications tools. [4](#)

- 1** Use technology tools (e.g., multimedia authoring, presentation, Web tools, digital cameras, scanners) for individual and collaborative writing, communication, and publishing activities to create knowledge products for audiences inside and outside the classroom. [4.1](#)
- 2** Use telecommunications efficiently to access remote information, communicate with others in support of direct and independent learning, and pursue personal interests. [4.2](#)

3 Use telecommunications and online resources (e.g., e-mail, online discussions, Web environments) to participate in collaborative problem-solving activities for the purpose of developing solutions or products for audiences inside and outside the classroom. 4.3

The student will demonstrate knowledge of technology research tools. 5

1 Use telecommunications and online resources (e.g., e-mail, online discussions, Web environments) to participate in collaborative problem-solving activities for the purpose of developing solutions or products for audiences inside and outside the classroom. 5.1

2 Use technology resources (e.g., calculators, data collection probes, videos, educational software) for problem solving, self-directed learning, and extended learning activities. 5.2

3 Determine which technology is useful and select the appropriate tool(s) and technology resources to address a variety of tasks and problems. 5.3

The student will demonstrate knowledge of technology problem-solving and decision-making tools. 6

1 Use technology resources (e.g., calculators, data collection probes, videos, educational software) for problem solving, self-directed learning, and extended learning activities. 6.1

2 Determine which technology is useful and select the appropriate tool(s) and technology resources to address a variety of tasks and problems. 6.2

3 Evaluate the accuracy, relevance, appropriateness, comprehensiveness, and bias of electronic information sources. 6.3