

Computer Skills

5th Grade

Benchmark Code – Subject: Computer Skills = CS

Strand 1= Operating the Computer

Strand 2= Word Processing

Strand 3= Keyboarding

Strand 4= Graphics

Strand 5= Spreadsheets

Strand 6= Database

Strand 7= Internet

Strand 8= Multimedia

Strand 9= Authoring Software

Standard 1= The student understands basic technology operations and concepts.

Standard 2= The student uses technology responsibly and ethically.

Standard 3= The student uses technology to communicate effectively and creatively.

Standard 4= The student uses technology for thinking, learning, and producing.

Standard 5= The student uses technology for research.

Code: Subject.Grade.Strand#.Standard#.Benchmark#

Example: CS.5.1.3.3 – Computer Skills, Fifth Grade, Strand 1, Standard 3, Benchmark 1

Strand 1: Operating the Computer

Standard 1: The student understands basic technology operations and concepts.

Benchmark Code	Benchmark
CS.5.1.1.1	The student will sequence the chronology and evolution of computers (events, dates, inventors, prototypes, etc.) by using a timeline of computers.
CS.5.1.1.2	The student will describe the basic concepts of: network, network cable, local server and computer topology.
CS.5.1.1.3	The student will discuss the main advantages and disadvantages of the use of computers and technological devices.
CS.5.1.1.4	The student will investigate new computer features and their future role in the globalization process.
CS.5.1.1.5	The students will investigate and describe new mobile devices and applications.

Strand 2: Word Processing

Standard 1: The student understands basic technology operations and concepts.

Benchmark Code	Benchmark
CS.5.2.1.1	The student will properly use word processing applications to create a variety of projects; using basic features such as: bullets, margins, numbering, alignment, paragraphs, font styles (bold, italic and underline), columns, signatures, footer options, pagination, page break, etc.

Standard 4: The student uses technology for thinking, learning, and producing.

Benchmark Code	Benchmark
CS.5.2.4.1	The student will create free form images, simple tables, brochures, slide show presentations, etc.

Standard 5: The student uses technology for research, problem solving, and decision-making.	
Benchmark Code	Benchmark
CS.5.2.5.1	The student will master the use of a word processor to create/design a variety of documents and projects.
Strand 3: Keyboarding	
Standard 1: The student understands basic technology operations and concepts.	
Benchmark Code	Benchmark
CS.5.3.1.1	The student will use special commands to easily access to multiple functions while working on the computer (e.g. copying and pasting text, links, and images: Ctrl C, Ctrl V).
CS.5.3.1.2	The students will locate and learn the use of function keys.
Strand 4: Graphics	
Standard 1: The student understands basic technology operations and concepts.	
Benchmark Code	Benchmark
CS.5.4.1.1	The student will use graphic software to edit pictures, text and titles.
CS.5.4.1.2	The student will import/export images from/to websites, programs, folders, devices, documents, etc.
Standard 3: The student uses technology to communicate effectively and creatively.	
Benchmark Code	Benchmark
CS.5.4.3.1	The student will use graphic organizers and tables to display a collection of data (text, numbers, pictures, etc.)
CS.5.4.3.2	The student will produce a newspaper using graphic software.
CS.5.4.3.3	The student will insert graphic organizers in a word processor by using a SmartArt tool (Microsoft Word and Microsoft Power Point).
CS.5.4.3.4	The student will customize graphic organizers by formatting shapes and styles to create multiple designs.
Standard 5: The student uses technology for thinking, learning, and producing.	
Benchmark Code	Benchmark
CS.5.4.3.2	The students will create/design characters and scenarios to produce their own video clip using game maker and other video/animation editors.
Strand 5: Spreadsheets	
Standard 1: The student understands basic technology operations and concepts.	
Benchmark Code	Benchmark
CS.5.5.1.1	The student will insert and customize multiple types of charts (bar, line, pie, area, etc.) to display a variety of data.
CS.5.5.1.2	The student will insert, delete and move rows and columns from a chart and/or tables.

Strand 7: Internet

Standard 1: The student understands basic technology operations and concepts.

Benchmark Code	Benchmark
CS.5.7.1.1	The student will use search tips for researching information: <i>and: +, not: -, only “”, etc.</i>
CS.5.7.1.2	The student will simultaneously handle multiple windows while searching online.
CS.5.7.1.3	The student will use a variety of online tools provided by Google (E-mail, Drive, Classroom, Calendar, Docs, etc.).

Standard 2: The student uses technology responsibly and ethically.

Benchmark Code	Benchmark
CS.5.7.2.1	The student will understand the risks and consequences of surfing the Net, as well as the viruses, spywares and other malicious software and the possible solutions or preventive actions to avoid virus infection in your computer or device.
CS.5.7.2.2	The student will evaluate, select and interpret several resources from a variety of websites, about a specific research questions or topics.
CS.5.7.2.3	The student will use an e-mail account and the variety of tools provided by Google (chat, groups, Classroom, and other networks) on a responsible and ethical way for school activities.
CS.5.7.2.4	The student will properly apply restrictions or permissions to block unwanted users, and allow others to see/edit their files or folders when sharing information online.

Standard 3: The student uses technology to communicate effectively and creatively.

Benchmark Code	Benchmark
CS.5.7.3.1	The student will create an e-mail address, by signing up at the Google website to create a Gmail account for school purpose at Google Classroom.
CS.5.7.3.2	The student will use Google Docs & Google Classroom to communicate effectively and creatively with other students and teacher.

Standard 4: The student uses technology for thinking, learning, and producing.

Benchmark Code	Benchmark
CS.5.7.4.1	The student will use Internet to complement information given in class throughout educational websites for learning, practicing and interacting with applications, and quizzes online.
CS.5.7.4.2	The student will use Google Docs & Google Classroom as an easy online platform to work and produce collaborative projects.

Standard 5: The student uses technology for research, problem solving, and decision-making.

Benchmark Code	Benchmark
CS.5.7.5.1	The student will use interactive games and websites to solve problems and reinforce his/her knowledge of the topics.
CS.5.7.5.2	The student will properly use Internet for researching information and using images to complement and reinforce class work.
CS.5.7.5.3	The student will use Internet to research a topic by identifying a problem or question to be researched or resolved and complement a specific content on an assignment or project.

Strand 8: Multimedia

Standard 1: The student understands basic technology operations and concepts.

Benchmark Code	Benchmark
CS.5.8.1.1	The students will create presentations to display text, pictures and apply visual effects, sounds and transitions.
CS.5.8.1.2	The student will properly learn how to handle a camera, scanner, headphones, microphone and other external devices.

Standard 3: The student uses technology to communicate effectively and creatively.

Benchmark Code	Benchmark
CS.5.8.3.1	The student will edit video and audio to integrate it into a slide show presentation to communicate actual topics on a creative way.
CS.5.8.3.2	The student will create and update a personal blog containing educational information.

Standard 4: The student uses technology for thinking, learning, and producing.

Benchmark Code	Benchmark
CS.5.8.4.1	The student will use online multimedia program (picture editors, e.g. Prezi, Glogster, PosterMyWall, etc.) to design, create and manipulate photographs, text and animations by using different tools that make projects look professional throughout the multiple options and effects.
CS.5.8.4.2	The student will design and display slide show presentations (with key concepts) that uses technology resources and layouts, including music and video embedded, individually and as a group.