

Grade 3: Basic Operations

ESTABLISHED GOALS:

Competencies:

- Students will demonstrate the ability to access digital tools by using hardware and navigating software.
- Students will demonstrate the ability to progressively increase typing accuracy and speed by learning the keyboard layout and utilizing proper keyboard form.
- Students will demonstrate the ability to create documents in order to effectively communicate ideas.

Content Standards:

- ISTE.1.CI. Demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology.
- ISTE.2.CC. Use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others.
- ISTE.3.RIF. Apply digital tools to gather, evaluate, and use information.
- ISTE.4.CT. Use critical thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources.
- ISTE.5.DC. Understand human, cultural, and societal issues related to technology and practice legal and ethical behavior.
- ISTE.6.TOC. Demonstrate a sound understanding of technology concepts, systems, and operations.

Transfer

*Students will be able to independently use their learning of basic operations **to navigate, to access, and to save different files.***

Meaning

ENDURING UNDERSTANDINGS
Students will understand that...

- users interact with technology through input and output devices.
- output devices provide feedback and information to the user (usually visually or auditorily).
- input devices allow the user to control equipment.

ESSENTIAL QUESTIONS

- Where's the best place to save things?

Acquisition

Students will know...

- that computers can be accessed directly through a network or through the internet.
- that there are basic keyboard shortcuts. (ex: ctrl v)
- that they need to use an email and password to log into gapps.
- that saving documents and creating files will help organize their work.
- that files are located in folders.
- that folders are located on computers

vocabulary: sub-folders, shortcuts, control functions, email, username, password, internet, network, open, save, create, CPU, minimize, maximize, shift, enter, scroll bar, wake-up, gapps

Students will be skilled at...

- identifying parts of the computer (CPU/computer, monitor, keyboard, mouse, printer)
- using a mouse to open and close an application, make a choice, or activate a link.
- using save, locate, and open files and folders.
- logging on, logging off and shutting down computer.
- using the keyboard to type letters and numbers.
- minimizing and maximizing the page.
- locating and using correct finger/hand for: shift, enter, backspace and spacebar keys.
- using the scrollbar to navigate a page.
- navigating windows.
- waking up a computer.
- using the power button on the monitor.
- logging on and off independently.
- locating and using letter and number keys with left and right hand placement.
- logging onto the schools gapps account.

<i>Content Area Literacy Standards</i>	<i>21st Century Skills</i>
• NOT APPLICABLE	● <i>apply technology effectively</i> ● <i>be responsible to others</i> ● <i>be productive and accountable</i> ● <i>solve problems</i>

<i>Evaluative Criteria</i>	<i>Assessment Evidence</i>
	PERFORMANCE TASK(S):
	OTHER EVIDENCE:

<i>Summary of Key Learning Events and Instruction</i>		
<i>Science Integration</i>	<i>College, Career, and Civic Life Integration</i>	<i>Technology Integration</i>
<i>District Materials</i>	<i>Distance Learning/Field Trips</i>	<i>Technology Resources</i>