

Standards-Based Learning

Power Standards

Technology

4th Grade

Integration

Innovate

GLE 1.1.1 *Generate ideas and create original works for personal and group expression using a variety of digital tools*

<i>Skills Guidelines</i>	<i>Examples</i>
<ul style="list-style-type: none"> • Introduce: <ul style="list-style-type: none"> – 3.12 Simple document formats: letters, reports • Expand: <ul style="list-style-type: none"> – 3.2 Drawing tools – 3.4 Toolbar/ribbons – 3.6 Simple document layout: title, margins, tab paragraphs, font format, punctuation, word wrap, etc. – 3.7 Spell check, thesaurus, proof reading, edit – 3.8 Cursor and insertion point – 3.9 Prewrite, draft, revise, edit and publish – 6.2 Select and use special visual effects such as slide transitions • Master: <ul style="list-style-type: none"> – 3.1 Undo command – 3.3 Capitalization 	<ul style="list-style-type: none"> • Use presentation software to present original stories about classroom topics. • Create a digital vocabulary list of new words for subject areas. • Store and present electronic portfolios of exemplary work. • Use a table to analyze, organize and compare information.

Collaborate

GLE 1.2.1 *Communicate and collaborate to learn with others*

<i>Skills Guidelines</i>	<i>Examples</i>
<ul style="list-style-type: none"> • Expand: <ul style="list-style-type: none"> – 6.2 Select and use special visual effects such as slide transitions – 6.3 Create a simple presentation – 6.4 Present on a computer display, or projector – 6.5 Create hyperlinks within a document • Master 	<ul style="list-style-type: none"> • Connect with pen pal using digital tools to share favorite hobbies. • Share and comment, using digital tools, on student science projects. • Solve a mathematics problem and post online for feedback or comments.

- 6.1 Access text, sound, video, and existing products. Examine a variety of multimedia creations

Investigate

GLE 1.3.2 | *Locate and organize information from a variety of sources and media*

<i>Skills Guidelines</i>	<i>Examples</i>
<ul style="list-style-type: none"> • Expand: <ul style="list-style-type: none"> – 4.1 Enter data in an existing spreadsheet – 4.2 Distinguish between cells, rows, columns, values, labels – 4.3 Edit data within cells – 5.1 Use various reference resources appropriate to grade level – 5.2 Use library system and online resources – 5.4 Use research process – 5.5 Access and retrieve electronic information using single word searches – 5.6 Use electronic encyclopedias and catalogs 	<ul style="list-style-type: none"> • Question information to determine fact vs. fiction on a web page. • Tag and share bookmarked sites. • Copy key words from digital sources into a table or document. • Gather information using selected digital resources • Organize information using digital tools • Record sources used in research

Practice Safety

GLE 2.1.2 | *Practice ethical and respectful behavior*

<i>Skills Guidelines</i>	<i>Examples</i>
<ul style="list-style-type: none"> • Introduce: <ul style="list-style-type: none"> – 5.7 Cite sources correctly, including electronic sources – 5.8 Consistently demonstrate a commitment to socially responsible use of information technology: copyright, plagiarism, ethics – 6.6 Be aware of copyright law • Expand: <ul style="list-style-type: none"> – 1.14 Log in, log out network server – 5.3 Conserve limited resources: paper, bandwidth, time etc. • Master: <ul style="list-style-type: none"> – 1.8 Proper care of work station equipment 	<ul style="list-style-type: none"> • Identify the consequences of unethical uses of technology. • Comply with copyright law when copying and pasting from websites • Comply with District Responsible Use Policy (RUP). • Demonstrate respect for the digital work of others. • Demonstrate respect for opinions of others posted online. • Recognize and report cyberbullying.

Operate Systems

GLE 2.2.1	<i>Develop skills to use technology effectively</i>	
	<i>Skills Guidelines</i>	<i>Examples</i>
	<ul style="list-style-type: none"> • Introduce: <ul style="list-style-type: none"> – 2.6 Keying by touch, eyes on copy • Expand: <ul style="list-style-type: none"> – 1.1 Use grade appropriate terminology – 1.9 Open, close, resize, multiple windows – 1.10 Menu systems: pull-down menus – 1.11 Peripheral devices: cameras, scanners, external drives – 1.12 Keyboard commands/shortcuts – 2.1 Healthy, safe keyboarding posture – 2.3 Using two hands and proper keyboard positioning – 2.4 Home row, fingering patterns – 2.5 Special keys: shift, options/alt, function keys – 2.7 Keyboarding technique proficiency – 2.8 Appropriate speed and accuracy (by grade level) • Master: <ul style="list-style-type: none"> – 1.2 Mouse: click, double click, click and drag – 1.3 On, off, sleep, shut down computer – 1.4 Launch/quit applications – 1.5 Identification of computer hardware, basic components – 1.6 Save/print to designated location – 1.7 Select, cut, copy, paste – 2.2 Location of letters, numbers, and space-bar 	<ul style="list-style-type: none"> • Use age appropriate keyboarding programs to increase speed and accuracy. • Use shortcut keys to increase speed. • Save or back up information to appropriate location (e.g., local, network or external drives). • Organize and manage files and folders between school, home and online. • Use correct vocabulary to describe digital technologies. • Meet keyboarding proficiency standards for grade level. • Manage files effectively.
<i>Select and Use Applications</i>		
GLE 2.3.1	<i>Select and use common applications</i>	
	<i>Skills Guidelines</i>	<i>Examples</i>
	<ul style="list-style-type: none"> • Introduce: <ul style="list-style-type: none"> – 3.10 Insert and delete text: cut, copy, paste • Expand: 	<ul style="list-style-type: none"> • Use common features of applications (e.g., Save, Print, Close, Quit). • Graph results from a survey. • Insert images and sounds.

<ul style="list-style-type: none"> – 1.9 Open, close, resize, multiple windows – 1.10 Menu systems, pull-down menus – 3.5 Access and launch a Word processing program <ul style="list-style-type: none"> • Master: <ul style="list-style-type: none"> – 1.4 Launch, quit applications 	<ul style="list-style-type: none"> • Use software to reinforce skills in all subject areas. • Use basic navigation skills that increase in complexity across grade levels • Use common features of a word processing or publishing program, spreadsheet program, presentation program, and a database program.
<i>Adapt to Change</i>	
N/A	6 th Grade Only
<i>Skills Guidelines</i>	<i>Examples</i>