### 2021-22 Scope and Sequence

**Technology Applications – First Grade** 

	27 Days	The recommended number of days/lessons is less than the number of days in the grading	
Cycle 1 Aug 23 - Oct 1		cycle to accommodate differentiated instruction, extended learning time, and assessment days. Complete instructional planning information and support are in the HISD Curriculum documents.	
Overview			

Online Safety & Digital Citizenship: Online Safety curriculum teaches students how to be safe by educating them about online safety, the responsible use of technology and digital fair use rules.

Keyboarding: Teach students typing basics in early grades and progressively increase their accuracy and speed in later grades with the below keyboarding lessons and drills. Adaptive Keyboarding will assess student's typing strengths and prescribe custom typing activities to meet their individual needs.

Houston ISD's digital literacy textbook can be found in the HUB under Learning.com. Learning.com lessons are noted throughout the Scope and Sequence with the notation LCOM prior to the lesson name.

Online Safety & Digital Citizenship Week 1-5       Week 1: LCOM (D) Working Online (30 min)       Online Safety and Digital Citizenship: K-2.5. Digital citizenship: The student practices safe, responsible, legal, and ethical behavior while using digital tools and resources. The student is expected to: (A) adhere to acceptable use policies reflecting appropriate behavior in a digital environment; (B) comply with acceptable digital safety rules, fair use guidelines, and copyright laws; and (C) practice the responsible use of digital information regarding intellectual property, including software, text, images, audio, and video.         Week 2: LCOM (AE) Following Computer Rules (Whole Group) (20 min)       CCOM (AE) Lab Rules Sign (Whole Group) (30 min)       Keyboarding: K-2.6. Technology operations and concepts. The student demonstrates knowledge and appropriate use of technology systems, concepts, and operations. The student is expected to: (A) perform basic software application functions, including opening an application and creating, modifying, printing, and saving files: (B) use a variety of input, output, and storage devices; (C) use proper keyboarding techniques such as ergonomically correct hand and body positions appropriate for Kindergarten- Grade 2 learning; demonstrate keyboarding techniques for operating the alphabetic, numeric, punctuation, and symbol keys appropriate for Kindergarten-Grade 2 learning;	Topic(s)	Suggested Pacing and Lesson(s)	Texas Essential Knowledge and Skills/Student Expectations (TEKS/SEs) The student will:
Week 2:       LCOM (AE)         Following Computer Rules (Whole Group) (20 min)       (C) practice the responsible use of digital information regarding intellectual property, including software, text, images, audio, and video.         LCOM (AE)       Keyboarding:         (Whole Group)       (30 min)         Week 3:       COM (D) Open Communication Basics Discussion (30 min)         Practice logging in to LCOM       Week 4:         Common Sense Education via LCOM (L) Pause & Think Online       Week 4:	Digital Citizenship	LCOM (D) Working Online (30 min)	<ul> <li>K-2.5. Digital citizenship. The student practices safe, responsible, legal, and ethical behavior while using digital tools and resources. The student is expected to:</li> <li>(A) adhere to acceptable use policies reflecting appropriate behavior in a digital environment;</li> <li>(B) comply with acceptable digital safety rules, fair use guidelines,</li> </ul>
(25 min)		LCOM (AE) Following Computer Rules (Whole Group) (20 min) LCOM (AE) Lab Rules Sign (Whole Group) (30 min) Week 3: LCOM (D) Open Communication Basics Discussion (30 min) Practice logging in to LCOM Week 4: Common Sense Education via	<ul> <li>(C) practice the responsible use of digital information regarding intellectual property, including software, text, images, audio, and video.</li> <li><b>Keyboarding:</b></li> <li>K-2.6. Technology operations and concepts. The student demonstrates knowledge and appropriate use of technology systems, concepts, and operations. The student is expected to:</li> <li>(A) perform basic software application functions, including opening an application and creating, modifying, printing, and saving files;</li> <li>(B) use a variety of input, output, and storage devices;</li> <li>(C) use proper keyboarding techniques such as ergonomically correct hand and body positions appropriate for Kindergarten-Grade 2 learning; demonstrate keyboarding techniques for operating the alphabetic, numeric, punctuation, and symbol keys appropriate for Kindergarten-Grade 2</li> </ul>



2021-22 Scope and Sequence Technology Applications – First Grade

		-			kindness digital citizen cyberbully internet personal information	lock screen tablet stranger online safety internet	phonics letters alphabet keyboarding		
online offline	Pictures Comput Langua			pause online	complete/incom plete online safety	private log off pretend	key a, b, c, d, e keyboard		
Week 1		ek 2 Week 3				Week 4		ek 5	Week 6
			Vocabular	y					
		KLMNO (6 min)							
			. ,						
			FGHIJ (7 min)						
		Loc	cate and Type ABCDE (7 min)						
<b>Keyboa</b> Weeł		LCOM (L)							
	LCOM (L) Introduction to Online Safety: Protecting Your Privacy (4 min)								
			M (Video) Introduction to Citizenship: Cyberbullying (5 min)	3					
	Week 5: LCOM (D) Netiquette and Cyberbullying Discussion (30 min)								
			nd-alone Student Video d for student direct access & viewing (2 min)	5					



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### 2021-22 Scope and Sequence

#### Technology Applications – First Grade

	10011101093	
Cycle 2	29 days	The recommended number of days/lessons is less than the number of days in the grading cycle to
Cycle 2	Oct 5 – Nov 12	accommodate differentiated instruction, extended learning time, and assessment days. Complete instructional planning information and support are in the HISD Curriculum documents.

#### Overview

Hardware/Software Fundamentals: Hardware and Software Fundamentals teaches students about computer systems, hardware and software, including the ethical use issues surrounding them.

**Keyboarding:** Teach students typing basics in early grades and progressively increase their accuracy and speed in later grades with the below keyboarding lessons and drills. Adaptive Keyboarding will assess student's typing strengths and prescribe custom typing activities to meet their individual needs.

Topic(s)	Suggested Pacing and Lesson(s)	Texas Essential Knowledge and Skills/Student Expectations (TEKS/SEs)
10010(0)		The student will:
Hardware & Software Fundamentals Weeks 1-3	Week 1: LCOM (L) Mouse, Select, Drag and Double- click (8 min) LCOM (L) Symbols of Technology (12 min) LCOM (L) Processors, Input and Output Devices (9 min) Week 2: LCOM (L)	<ul> <li>Hardware/Software Fundamentals:</li> <li>K-2.1. Creativity and innovation. The student uses creative thinking and innovative processes to construct knowledge and develop digital products. The student is expected to:</li> <li>(A) explore virtual environments, simulations, models, and programming languages to enhance learning;</li> <li>K-2.2. Communication and collaboration. The student collaborates and communicates both locally and globally using digital tools and resources to reinforce and promote learning. The student is expected to:</li> <li>(A) use communication tools that allow for anytime, anywhere access to interact, collaborate, or publish with peers locally and globally;</li> <li>K-2.5. Digital citizenship. The student practices safe, responsible, legal, and ethical behavior while using digital tools and resources. The student is expected to:</li> <li>(A) adhere to acceptable use policies reflecting appropriate behavior in a digital environment;</li> </ul>
Kaubaarding	Data Storage (7 min) LCOM (Activity) Data Storage Bingo Unplugged (30 min) <b>Week 3:</b> LCOM (L) Printers (9 min) LCOM (L) Scanners (6 min) LCOM (L) Windows and Controls (12 min)	<ul> <li>(B) comply with acceptable digital safety rules, fair use guidelines, and copyright laws; and</li> <li>Keyboarding:</li> <li>K-2.6. Technology operations and concepts. The student demonstrates knowledge and appropriate use of technology systems, concepts, and operations. The student is expected to:</li> <li>(C) perform basic software application functions, including opening an application and creating, modifying, printing, and saving files;</li> <li>(D) use a variety of input, output, and storage devices;</li> <li>(E) use proper keyboarding techniques such as ergonomically correct hand and body positions appropriate for Kindergarten-Grade 2 learning;</li> <li>(F) demonstrate keyboarding techniques for operating the alphabetic, numeric, punctuation, and symbol keys appropriate for Kindergarten-Grade 2 learning;</li> </ul>
Keyboarding Weeks 4-6	Week 4: LCOM (L) ABCDE (7 min)	

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2021-22 Scope and Sequence Technology Applications – First Grade

		nology Applicat	ions – First	Grade		
	KLM	HIJ (7 min) NO (6 min) RST (6 min)				
	Lu KLM PQF UVW2	<b>Veek 5:</b> COM (L) NO (6 min) RST (6 min) KYZ (10 min) pe Numbers (10 min	)			
	LC Typing Number (	15 min)				
	Shift Key for (	COM (L) Capital & Symbols 10 min) COM (L)				
	Cursor, Spacebar, Backspace, Enter & Words (10 min)					
Week 1	Week 2	Week	•	Week 4	Week 5	Week 6
mouse drag and drop double click cursor select pointer video technology audio symbol CD function input device keyboard computer monitor printer processor output device speakers mouse	drive DVD disk data storage device flash drive write optical drive USB CD read hard drive	network jam toner paper tray file preview ink copies printer cover preview peripheral device scanning beam Optical Character Recognition scanning surface scroll bar maximize dialog box minimize text box	radio button resize restore windows spinner dropdown menu checkbox optical character recognition scanning surface scroll bar maximize minimize text box	ABCDE FGHIJ KLMNO PQRST key keyboard phonics letters alphabet keyboarding	KLMNO PQRST UVWXYZ shape recognition 1-9 counting numbers	counting patterns key/keyboard/ing math capital letters shift key plus, minus symbol exclamation point equal sign phonics mathematical expressions question mark exclamatory sentences enter space/spacebar return letters backspace delete

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2021-22 Scope and Sequence

**Technology Applications – First Grade** 

	30 Days	The recommended number of days/lessons is less than the number of days in the grading
Cycle 3	Nov 15 - Jan 14	cycle to accommodate differentiated instruction, extended learning time, and assessment days. Complete instructional planning information and support are in the HISD Curriculum documents.

#### Overview

Computer Science (Coding Basics): This unit contains introductory coding instruction with the initial lessons from Learning.com's EasyCode Foundations (powered by CodeMonkey).

		т	avas Essential Know	ledge and Skille/Stu	dent Expectations		
Topic(s)	Suggested Pacing and Lesson(s)		Texas Essential Knowledge and Skills/Student Expectations (TEKS/SEs)				
			The student will:				
Computer Science Weeks 1-6	Week LCOM Intro to ( (35 m	(D) B Coding	Computer Science (formerly Computational Thinking and Coding Basics): K-2.1. Creativity and innovation. The student uses creative thinking				
	(35 m Week LCOM Let's Be f (35 m	x <b>2:</b> I (L) Friends nin)	<ul> <li>and innovative processes to construct knowledge and develop digital products. The student is expected to:</li> <li>(C) explore virtual environments, simulations, models, and programming languages to enhance learning;</li> <li>K-2.2. Communication and collaboration. The student collaborates and communicates both locally and globally using digital tools and resources to reinforce and promote learning. The student is expected to:</li> <li>(A) use communication tools that allow for anytime, anywhere access to interact, collaborate, or publish with peers locally and globally;</li> <li>K-2.4. Critical thinking, problem solving, and decision making. The student applies critical-thinking skills to solve problems, guide research, and evaluate projects using digital tools and resources. The student is expected to:</li> <li>(A) identify what is known and unknown and what needs to be known regarding a problem and explain the steps to solve the problem;</li> <li>K-2.6. Technology operations and concepts. The student demonstrates knowledge and appropriate use of technology systems, concepts, and operations. The student is expected to:</li> <li>(A) use appropriate terminology regarding basic hardware, software applications, programs, networking, virtual environments, and emerging technologies;</li> </ul>				
	Week LCOM Finding Tr (35 m	t <b>3:</b> I (L) reasure hin)					
	<b>Week</b> LCOM Practice Mak (35 m	l (L) les Perfect lin)					
	Week LCOM On Re (35 m	t <b>5:</b> I (L) peat iin)					
	Week LCOM Loop (60 m	x <b>6:</b> I (L) Ds	(C) perform basic softwar application and creating, r				
		Voc	abulary				
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6		
direction/orientation logic sequencing algorithms counting	coding sequencing programming	subproblems	advanced sequencing	loop conditional loop preset	loop until loop		



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The recommended number of days/lessons is less than the number of days in the grading cycle to

accommodate differentiated instruction, extended learning time, and assessment days. Complete

27 days

Jan 19 – Feb 25

Cycle 4

2021-22 Scope and Sequence **Technology Applications – First Grade** 

	Jan 19 – Feb 25 instructiona	al planning information and support are in the HISD Curriculum documents.
Overview		
Multimedia: Mu	Itimedia curriculum teaches students	the fundamentals of a variety of content forms. Students learn the
	c design, desktop publishing and vide	
succes of graphic	e design, desidep pasiering and vide	o outing.
Computer Scie	nco (formarly Computational Think	ing and Coding Basics): This unit contains items that help students
		r learning to write code and solve other problems.
develop comput	auonai uninking skilis in preparation to	r learning to write code and solve other problems.
<b>-</b> · / \		Texas Essential Knowledge and Skills/Student Expectation
Topic(s)	Suggested Pacing and Lesson(s	
		The student will:
Multimedia	Week 1:	Multimedia:
Weeks 1-4	LCOM (Discussion)	K-2.1. Creativity and innovation. The student uses creative thinking and
	Basic Design	innovative processes to construct knowledge and develop digital
	(30 min)	products. The student is expected to:
		(A) apply prior knowledge to develop new ideas, products, and processes;
	LCOM (AE)	(C) explore virtual environments, simulations, models, and
	Basic Design Reflection	programming languages to enhance learning;
	(5 min)	K-2.2. Communication and collaboration. The student collaborates and
	(0 1111)	communicates both locally and globally using digital tools and resource
		to reinforce and promote learning. The student is expected to:
	Week 2:	(A) use communication tools that allow for anytime,
		anywhere access to interact, collaborate, or publish with
	LCOM (L)	peers locally and globally;
	Drawing Lines and Shapes to Tell a	rt-z.+. Onicea uninking, problem solving, and decision making. The
	Story	student applies critical- thinking skills to solve problems, guide
	(9 min)	research, and evaluate projects using digital tools and resources. The
		student is expected to:
	LCOM (L)	(A) identify what is known and unknown and what needs to be known
	Drawing and Filling Shapes Using	regarding a problem and explain the steps to solve the problem;
	Graphic Tools	(D) collect, analyze, and represent data using tools such as word
	(12 min)	processing, spreadsheets, graphic organizers, charts, multimedia,
	,	simulations, models, and programming languages. K-2.6. Technology
	Introduce students to your Drawing	operations and concepts. The student demonstrates knowledge and
	environment	appropriate use of technology systems, concepts, and operations. The student is expected to:
	(10 min)	(B) use appropriate digital tools and resources for storage,
	(10 mm)	access, file management, collaboration, and designing solutions
		to problems;
	Week 3:	(C) perform basic software application functions, including
	LCOM (AE)	opening an application and creating, modifying, printing, and
		saving files; use a variety of input, output, and storage devices
	Portrait of Myself	
	(30 min)	Computer Science (formerly Computational Thinking and Coding
		Basics):
		K-2.1. Creativity and innovation. The student uses creative thinking and
	Week 4:	innovative processes to construct knowledge and develop digital
	LCOM (AE)	products. The student is expected to:
	Personal Flag	(C) explore virtual environments, simulations, models, and
	(40 min)	programming languages to enhance learning;
		K-2.4. Critical thinking, problem solving, and decision making. The
		student applies critical- thinking skills to solve problems, guide
		response and evaluate president visited and problems, guide

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research, and evaluate projects using digital tools and resources. The

#### 2021-22 Scope and Sequence Technology Applications – First Grade

	lechnolog	y Application	ons –	First Grade		
Computer Science: Weeks 5-6	Week 5: LCOM (L) Computational Thinkin (15 min) LCOM (AE A New Student in (40 min) Week 6: LCOM (L) Computational Thinkin (15 min) LCOM (AE Spirit Day T-S	g: Directions ) n Class ng: Patterns	<ul> <li>student is expected to:</li> <li>(A) identify what is known and unknown and what needs to be known regarding a problem and explain the steps to solve the problem;</li> <li>K-2.6. Technology operations and concepts. The student demonstrates knowledge and appropriate use of technology systems, concepts, and operations. The student is expected to:</li> <li>(A) use appropriate terminology regarding basic hardware, software applications, programs, networking, virtual environments, and emerging technologies;</li> <li>(C) perform basic software application functions, including opening an application and creating, modifying, printing, and saving files;</li> </ul>			
	(30 min)					
<b>.</b>			Vocal	oulary		
Week 1	Week 2	Week 3		Week 4	Week 5	Week 6
audience design font graphics white space design elements	graphics drag and drop drawing software color palette mouse graphics software drawing area tool box fill color shape tool	language arts pictures graphics soft		language arts pictures graphics software	directions problem solving problem solution computational thinking	pattern series rule predict directions order



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### HISD Elementary Curriculum and Development

#### 2021-22 Scope and Sequence **Technology Applications – First Grade**

Cycolo E	33 Days	The recommended number of days/lessons is less than the number of days in the grading cycle to	
Cycle 5	Feb 28 - April 22	accommodate differentiated instruction, extended learning time, and assessment days. Complete instructional planning information and support are in the HISD Curriculum documents.	

#### Overview

Keyboarding: Teach students typing basics in early grades and progressively increase their accuracy and speed in later grades with the below keyboarding lessons and drills. Adaptive Keyboarding will assess student's typing strengths and prescribe custom typing activities to meet their individual needs.

Online Safety and Digital Citizenship (formerly Internet Usage & Online Communication): The Internet Usage and Online Communication unit teaches students vital skills for successfully navigating and searching the World Wide Web such as browsing basics, keyword searches, research strategies, information sourcing and ethics, and examination of information validity. Students also learn the basics of online communication such as email, instant messaging, blogs, community sites, podcasting, and digital collaboration.

Multimedia (formerly Visual Mapping): This unit includes the EasyTech Visual Mapping curriculum items that align to the First Grade pacing guide and is designed to teach students essential grade-appropriate digital literacy skills to help meet the first grade portion of national K-2 technology standards. Students learn to create visual maps, idea webs, diagrams, and groups of information based on classification.

Topic(s)	Suggested Pacing and Lesson(s)	Texas Essential Knowledge and Skills/Student Expectations (TEKS/SEs) The student will:
Multimedia	Week 1:	Multimedia (formerly Visual Mapping):
Weeks 1-2	LCOM (L)	K-2.6.2 Communication and collaboration. The student collaborates and
	Groups and Labels	communicates both locally and globally using digital tools and resources to reinforce and promote learning. The student is expected to:
	(12 min)	(A) use communication tools that allow for anytime, anywhere access to
		interact, collaborate, or publish with peers locally and globally.
	LCOM (AE) Sorting Sets	(C) format digital information, including font attributes, color, white space,
	(1 min)	graphics, and animation for a defined audience and communication medium.
		K-2.6.4 Critical thinking, problem solving, and decision making. The student applies critical thinking skills to solve problems, guide research,
	Week 2:	and evaluate projects using digital tools and resources. The student is expected to:
	LCOM (L)	(A) identify what is known and unknown and what needs to be known
	Attributes and Linking (12 min)	regarding a problem and explain the steps to solve the problem. (B) evaluate the appropriateness of a digital tool to achieve the desired
	LCOM (AE)	Froduct. K-2.6.6 Technology operations and concepts. The student demonstrates
	I Belong to Many Groups (20 min)	knowledge and appropriate use of technology systems, concepts, and operations. The student is expected to:
		(D) use a variety of input, output and storage devices.
Internet Usage & Online	Week 3: LCOM (L)	Online Safety and Digital Citizenship (formerly Internet Usage & Online Communication):
Communication	Online Information Basics	K-2.1. Creativity and innovation. The student uses creative thinking and
Weeks 3-4	(15 min)	innovative processes to construct knowledge and develop digital products. The student is expected to:
		(A) apply prior knowledge to develop new ideas, products, and processes;
	Student Independent Practice	(C) explore virtual environments, simulations, models, and
		programming languages to enhance learning;
		K-2.2. Communication and collaboration. The student collaborates and communicates both locally and globally using digital tools and resources
		to reinforce and promote learning. The student is expected to:
		(A) use communication tools that allow for anytime,

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### HISD Elementary Curriculum and Development

#### 2021-22 Scope and Sequence Technology Applications – First Grade

	Technology A		First Grade		
Keyboarding Weeks 5-6	Week 4 LCOM (I Safe Site Strategies (30 min Week 5 LCOM (A Beginning So (20 min Independent P Type spelling or Typing Activity (tea using a Word P (30 min) Week 6 LCOM (I Cursor, Arrows (9 min) LCOM (A Animal St (20 min	: D) s Discussion ) : E) punds ) ractice: words cher choice) rocessor ) : -) s & Tab E) pry	<ul> <li>anywhere access to interact peers locally and globally;</li> <li>K-2.3. Research and inform and evaluates digital contered (A) use search strategies for topic, task, or assignm</li> <li>K-2.4. Critical thinking, prodistudent applies critical-thin research, and evaluate programming a problem and exits. Characteristical end contered to acceptable of the student is expected to:</li> <li>(A) adhere to acceptable of appropriate behavior in a d</li> <li>(B) comply with acceptable and copyright laws; and K-The student demonstrates technology systems, conceres expected to:</li> <li>(C) perform basic software opening an application and saving files;</li> <li>(D) use a variety of input, or K-2.6. Technology operation and saving files;</li> <li>(C) explore virtual environm programming languages to K-2.6. Technology operation and saving files;</li> <li>(D) use a variety of input, or K-2.6. Technology operation and saving files;</li> <li>(D) use a variety of input, or K-2.6. Technology operation and saving files;</li> <li>(D) use a variety of input, or K-2.6. Technology operation and saving files;</li> <li>(D) use a variety of input, or K-2.6. Technology operation and saving files;</li> <li>(D) use a variety of input, or K-2.6. Technology operation and saving files;</li> <li>(D) use a variety of input, or K-2.6. Technology operation and saving files;</li> <li>(D) use a variety of input, or K-2.6. Technology operation and saving files;</li> <li>(D) use a variety of input, or K-2.6. Technology operation and saving files;</li> <li>(D) use a variety of input, or K-2.6. Technology operation and saving files;</li> <li>(D) use a variety of input, or K-2.6. Technology operation and saving files;</li> <li>(D) use a variety of input, or K-2.6. Technology operation and saving files;</li> <li>(D) use a variety of input, or K-2.6. Technology operation and saving files;</li> <li>(D) use a variety of input, or K-2.6. Technology operation and saving files;</li> <li>(D) use a variety of input, or K-2.6. Technology operation and sav</li></ul>	hation fluency. The stud nt. The student is expect to access information to build a knowledge base ent; and blem solving, and decisi- king skills to solve prob- jects using digital tools and unknown and what xplain the steps to solve he student practices sat while using digital tools is policies reflecting igital environment; digital safety rules, fair 2.6. Technology operati knowledge and appropri- tops, and operations. The application functions, in creating, modifying, pri- putput, and storage devi ation. The student uses o construct knowledge a pected to: nents, simulations, mod enhance learning; ons and concepts. The sind appropriate use of te The student is expected application functions, in creating, modifying, pri- butput, and storage devi g techniques such as en- itions appropriate for Kin- ng techniques for opera	ent acquires cted to: o guide inquiry; regarding a ion making. The dems, guide and resources. needs to be known the problem; fe, responsible, and resources. use guidelines, ons and concepts. iate use of e student is ncluding nting, and ces; creative thinking and develop digital els, and student echnology systems, i to: ncluding nting, and ces; gonomically ntegarten- ting the alphabetic,
Vocabulary					
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6

•					
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
toolbar	focus	web page	website	Keyboard	space
label	font	Internet	hyperlinks	Sounds	keyboarding
linking	clipart	World Wide Web	web page	Letters	left
mouse	text elements	website	internet	Language Arts	key
workspace	diagram	hyperlinks	world wide web	- •	enter
file	text box		appropriate		right

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### HISD Elementary Curriculum and Development

#### 2021-22 Scope and Sequence Technology Applications – First Grade

	roomology / pphoan		
click and drag	toolbar	inappropriate	tab
visual mapping	attribute		backspace
diagram	linking		curser
focus	workspace		up
symbol	visual mapping		letters
text box	background		down
clipart	effect		phonics
Science	Critical Thinking		delete
classification	Mapping		arrow
	Pictures		keyboard
	Social Studies		Illustrating
			Computer
			Keyboard
			Reading



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2021-22 Scope and Sequence **Technology Applications – First Grade** 

Cycle 6	31 Days April 25 - June 7	The recommended number of days/lessons is less than the number of days in the grading cycle to accommodate differentiated instruction, extended learning time, and assessment days. Complete instructional planning information and support are in the HISD Curriculum documents.
Overview		
Business Appli	cations (formerly Word F	Processing): This unit includes the EasyTech Word Processing curriculum
items that align	to the First Grade pacing	guide and is designed to teach students essential grade-appropriate digital
literacy skills to	help meet the first grade	portion of national K-2 technology standards.

Online Safety and Digital Citizenship: Online Safety curriculum teaches students how to be safe by educating them about online safety, the responsible use of technology and digital fair use rules.

Topic(s)	Suggested Pacing and Lesson(s)	Texas Essential Knowledge and Skills/Student Expectations (TEKS/SEs) The student will:
Business Applications Weeks 1-2	Week 1: LCOM (L) Basic Document Creation (12 min) Independent Practice in Word Processing Environment Week 2: LCOM (L) Formatting Text (15 min) Independent Practice in Word Processing Environment	<ul> <li>Business Applications (formerly Word Processing):</li> <li>K-2.6.2 Communication and collaboration. The student collaborates and communicates both locally and globally using digital tools and resources to reinforce and promote learning. The student is expected to:</li> <li>(C) Format digital information, including font attributes, color, white space, graphics and animation, for a defined audience and communication medium.</li> <li>K-2.6.4 Critical thinking, problem solving, and decision making. The student applies critical thinking skills to solve problems, guide research, and evaluate projects using digital tools and resources. The student is expected to:</li> <li>(B) Evaluate the appropriateness of a digital tool to achieve the desired product.</li> <li>K-2.6.6 Technology operations and concepts: The student demonstrates knowledge and appropriate use of technology systems, concepts, and operations. The student is expected to:</li> <li>(A) use appropriate terminology regarding basic hardware, software applications, programs, networking, virtual environments, and emerging</li> </ul>
Online Safety and Digital Citizenship Weeks 3-4	Week 3: CSE (Lesson) How Technology Makes You Feel (30 min) *Stand-alone Student Video included for student direct access & viewing (1 min) Week 4: CSE (Lesson) Internet Traffic Light (35 min) *Stand-alone Student Video included for student direct access & viewing (1 min)	<ul> <li>technologies.</li> <li>(C) perform basic software application functions, including opening an application and creating, modifying, printing, and saving files.</li> <li>Online Safety and Digital Citizenship:</li> <li>K-2.5. Digital citizenship. The student practices safe, responsible, legal, and ethical behavior while using digital tools and resources. The student is expected to: <ul> <li>(A) adhere to acceptable use policies reflecting appropriate behavior in a digital environment;</li> <li>(B) comply with acceptable digital safety rules, fair use guidelines, and copyright laws;</li> </ul> </li> </ul>

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2021-22 Scope and Sequence Technology Applications – First Grade

Capstone EOY Project Week 5-6	Weeks 5- LCOM (Pre- Inquiry: Where in (10 min) LCOM (Pro Inquiry: Where in the Classroom Presentation LCOM (Refle Inquiry: Where in Reflection (15 min)	Test) the World ject) World (60 min) ons of Projects ction) the World n			
		V	ocabulary		-
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
end punctuation text lowercase period open capitalization printing file word processing exit question mark spacing close save exclamation poin cursor input erase	bold font size paste open italic font style rhyme clipboard copy reading spacing word processing select	common sense education pause uncomfortable	e focus font clipart text elements diagram text box toolbar attribute linking workspace visual mapping background effect	regions human geography mapping shelter social studies geography	geography human geography mapping regions shelter social studies

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