

Course of Study:

Kindergarten Technology



Kindergarten Course of Study — Technology

Strand: Information and Communications Technology (Chromebook intro., word processing, Coding-digital & physical).

<p>Learning Standard: Topic 1.a: Develop basic skills for using digital learning tools and resources to accomplish a defined task.</p> <p>Topic 3.b: Use visuals found in digital learning tools and resources to clarify and add to knowledge.</p> <p>Topic 3.d: With guidance, create artifacts using digital learning tools and resources to demonstrate knowledge.</p> <p>Topic 4: With guidance, discuss and identify communication needs considering the task, situation and information to be shared.</p>	<p>How Taught? Modeling, Chromebook login, Keyboard Town, Taking Care of Your Chromebook, code.org course A: Code Login, Lesson 3, Maps, Loops</p>
<p>Materials: Chromebooks, Google Documents, age appropriate websites to reinforce skills.</p>	<p>How Assessed? Discussion, observation, completion of tasks.</p> <p>How Re-Taught? Repetition, reinforcement through weekly application.</p>

Strand: Society and Technology (Internet Safety)

<p>Learning Standard: Topic 1.a: Demonstrate appropriate and identify inappropriate uses of technology required to be a responsible user.</p> <p>Topic 1.b Identify positive and negative impacts one’s use of technology can have on oneself and one’s family.</p> <p>Topic 2.b: Identify positive and negative ways of collaborating in digital and physical environments</p> <p>Topic 3.b: Identify examples of how technology innovations / inventions can have multiple applications.</p> <p>Topic 3.d Define and discuss digital identity and digital footprints.</p> <p>Topic 3.e Provide examples of how rules for respecting others’ belongings apply to digital content and information.</p>	<p>How Taught? Internet Safety, Code intro. internet safety.</p>
<p>Materials: Netsmartz videos & curriculum, STEM materials</p>	<p>How Assessed? Discussion, observation, completion of tasks.</p> <p>How Re-Taught? Repetition, reinforcement.</p>

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Strand: Design and Technology (STEM activities)

<p>Learning Standard: Topic 1.d: Give examples of how resources such as tools and materials are things that help people get a job done Topic 2.a: Observe and describe details of an object's design.</p>	<p>How Taught? Introduction to design through STEM activities, What is STEM? Protective pen,</p>
<p>Materials: STEM materials</p>	<p>How Assessed? Testing products to see if they meet objectives.</p>
	<p>How Re-Taught? Redefine prototypes with teacher guidance</p>