



## Kindergarten-Grade 2 Computer Science

This document provides correlations between the 2023 Indiana Academic Standards and the 2022 Indiana Academic Standards for easy reference.

The 2023 Indiana Academic Standards resulted from the standards streamlining process required by Indiana Code 20-31-3-1(c-d) and were adopted by the Indiana State Board of Education in June 2023. Standards designated as essential (E) are shaded in gray and all standards were renumbered to avoid gaps in sequencing.

2023 Indiana Academic Standard		2022 Indiana Academic Standard	
Core Concept: Data & Information		Core Concept: Data & Information	
Number	Text	Number	Text
<b>K-2.DI.1</b>	Identify and collect data using digital tools (e.g., take pictures of all blue items, create a document with things that start with “a”).	<b>K-2.DI.2</b>	Identify and collect data using digital tools (e.g., take pictures of all blue items, create a document with things that start with “a”).
<b>K-2.DI.2</b>	Define stored information as data and, when appropriate, copy, search, retrieve, modify, and delete it.	<b>K-2.DI.3</b>	Define stored information as data and, when appropriate, copy, search, retrieve, modify, and delete it.
<b>K-2.DI.3</b>	Model that data can be stored and manipulated using numbers or symbols to represent information.	<b>K-2.DI.4</b>	Model that data can be stored and manipulated using numbers or symbols to represent information.
<b>K-2.DI.4</b>	Organize and present data in different visual formats such as charts, graphs, and symbols, and identify and describe patterns to make predictions. (E)	<b>K-2.DI.4</b>	Organize and present data in different visual formats such as charts, graphs, and symbols, and identify and describe patterns to make predictions.
		<b>K-2.DI.1</b>	In order to solve a problem, sort information into a useful order.

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2023 Indiana Academic Standard		2022 Indiana Academic Standard	
Core Concept: Computing Devices & Systems		Core Concept: Computing Devices & Systems	
Number	Text	Number	Text
<b>K-2.CD.1</b>	Use appropriate terminology in identifying and describing computer hardware. (E)	<b>K-2.CD.1</b>	Use appropriate terminology in identifying and describing computer hardware.
<b>K-2.CD.2</b>	Describe and troubleshoot basic hardware and software problems using appropriate terminology.	<b>K-2.CD.2</b>	Describe and troubleshoot basic hardware and software problems using appropriate terminology.
<b>K-2.CD.3</b>	Select and operate appropriate software to perform a variety of tasks and recognize that users have different needs and preferences for the technology they use.	<b>K-2.CD.3</b>	Select and operate appropriate software to perform a variety of tasks and recognize that users have different needs and preferences for the technology they use.
2023 Indiana Academic Standard		2022 Indiana Academic Standard	
Core Concept: Programs & Algorithms		Core Concept: Programs & Algorithms	
Number	Text	Number	Text
<b>K-2.PA.1</b>	Break down and plan the order of the steps needed for a desired outcome to accomplish the goal. (E)	<b>K-2.PA.1</b>	Break down and plan the order of the steps needed for a desired outcome to accomplish the goal.
<b>K-2.PA.2</b>	Using age-appropriate vocabulary, explain steps taken and choices made to improve the design of a sequence.	<b>K-2.PA.2</b>	Using age-appropriate vocabulary, explain steps taken and choices made to improve the design of a sequence.
<b>K-2.PA.3</b>	Develop programs with sequences and simple loops to express ideas or address a problem. (E)	<b>K-2.PA.3</b>	Develop programs with sequences and simple loops to express ideas or address a problem.
<b>K-2.PA.4</b>	Identify and fix (debug) errors in sequences and simple loops.	<b>K-2.PA.4</b>	Identify and fix (debug) errors in sequences and simple loops.

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<b>K-2.PA.5</b>	Model daily processes by creating and following algorithms (i.e., sets of step-by-step instructions) to complete tasks. (E)	<b>K-2.PA.5</b>	Model daily processes by creating and following algorithms (i.e., sets of step-by-step instructions) to complete tasks.
<b>K-2.PA.6</b>	Give attribution when using the ideas and creations of others while developing programs.	<b>K-2.PA.6</b>	Give attribution when using the ideas and creations of others while developing programs.
<b>2023 Indiana Academic Standard</b>		<b>2022 Indiana Academic Standard</b>	
<b>Core Concept: Networking &amp; the Internet</b>		<b>Core Concept: Networking &amp; the Internet</b>	
<b>Number</b>	<b>Text</b>	<b>Number</b>	<b>Text</b>
<b>K-2.NI.1</b>	Explain what passwords are, why they are used, and why it is important to develop strong passwords to protect devices and information. (E)	<b>K-2.NI.1</b>	Explain what passwords are, why they are used, and why it is important to develop strong passwords to protect devices and information.
<b>2023 Indiana Academic Standard</b>		<b>2022 Indiana Academic Standard</b>	
<b>Core Concept: Impact &amp; Culture</b>		<b>Core Concept: Impact &amp; Culture</b>	
<b>Number</b>	<b>Text</b>	<b>Number</b>	<b>Text</b>
<b>K-2.IC.1</b>	Compare and contrast the effects of technology on communities and social interactions.	<b>K-2.IC.2</b>	Compare and contrast the effects of technology on communities and social interactions.
<b>K-2.IC.2</b>	Identify expected behaviors for working responsibly with others online. (E)	<b>K-2.IC.3</b>	Identify expected behaviors for working responsibly with others online.
<b>K-2.IC.3</b>	Describe how to keep login information private and log off of devices appropriately.	<b>K-2.IC.4</b>	Keep login information private and log off of devices appropriately.
		<b>K-2.IC.1</b>	Practice digital citizenship by giving credit when using the ideas and creations of others.

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2023 Indiana Academic Standard		2022 Indiana Academic Standard	
Core Concept: Digital Literacy		Core Concept: Digital Literacy	
Number	Text	Number	Text
		<b>K-2.DL.1</b>	Use technology to research and create multimedia products that support learning across the curriculum.
		<b>K-2.DL.2</b>	With support, communicate and work collaboratively with peers using technology.
		<b>K-2.DL.3</b>	Use standard input and output devices to operate computers and other technologies.