Indiana Science/Computer Science Content Connectors

Computer Science: Grades K-2

Data & Information	1	Identify and collect data using concrete objects or digital tools (e.g., take pictures of or sort all blue math manipulatives). K-2.DI.1A
	2	Describe information stored on a digital device as "data". K-2.DI.2A
	3	Represent data from everyday activities with numbers, symbols, or other variables. K-2.DI.3A
	4	Identify patterns in visual representations of data such as charts, graphs, and symbols. (E) K-2.DI.4A
Computing Devices & Systems	1	Use appropriate terminology (e.g., computer, screen, keyboard) in identifying and describing computer hardware. (E) K-2.CD.1A
	2	Explain when there is a problem with familiar technology and match a provided potential solution. K-2.CD.2A
	3	Operate software to perform a specific task. K-2.CD.3A
Programs & Algorithms	1	Sequence provided steps to complete a familiar or simple task. (E) K-2.PA.1A
	2	Explain a way to improve a step of a provided familiar process. K-2.PA.2A
	3	Follow the steps in a process with a simple loop. K-2.PA.3A
	4	Identify an error in a provided sequence, then find a potential solution to the error. K-2.PA.4A
	5	Follow a three-step set of instructions to complete a task and identify the sequence of steps as an algorithm. (E) K-2.PA.5A
	6	Differentiate between work you create and work created by another person. (E) K-2.PA.6A
Networking & the Internet	1	Define what a password is and describe its purpose. (E) K-2.NI.1A
Im		ompare and contrast the effects of technology on communities and social nteractions. K-2.IC.1A

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2 **Identify expected behaviors for working responsibly with others online. (E)** K-2.IC.2A

3 **Describe why login information should not be shared and model logging off of a device.** K-2.IC.3A