

Digital Literacy and AI K-2 Pathway

Lesson Key

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1-Day Lesson

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Multi-Day Lesson

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Unplugged Lesson

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Programming Lesson

		Kindergarten	1st Grade	2nd Grade
COMPUTING SYSTEMS	Getting Started	🚩 Welcome to CodeHop Mouse Practice Keyboard Introduction 🚩 Introduction to Programming	🚩 Welcome to CodeHop Mouse Practice: Level Up! 🚩 Introduction to Programming	🚩 Welcome to CodeHop 🚩 Introduction to Programming
	Computing Systems	👉 Computer Basics: Introduction	👉 Computer Basics: Exploration	👉 Computer Basics: Connections
	Productivity Software	👉 Types of Software	Introduction to Word Processing Introduction to Presentations Introduction to Spreadsheets	Exploring Word Processing Exploring Presentations Exploring Spreadsheets
SAFETY & RESPONSIBILITY	Networks	👉 Using Networks to Connect	👉 Networks and the Internet	🚩 Exploring Computer Networks
	Online Safety	🚩 Being Kind Online 👉 Keeping Information Safe	🚩 Positive Online Behavior 👉 Password Protectors	👉 Responsible Digital Citizens
	AUP & Responsible Use	👉 Introduction to Responsible Technology Use	👉 Exploring Responsible Technology Use	👉 Practicing Responsible Technology Use
IMPACTS OF COMPUTING	Impacts of Computing	👉 Impacts of Computing: Daily Life	👉 Impacts of Computing: Our Community	🚩 Impacts of Computing: Changing World
	Careers in CS	🚩 Careers in CS: Spacecraft Design	🚩 Careers in CS: Litter Free Communities	🚩 Careers in CS: Fashion Retail
	Digital Collaboration			🚩 Collaborating Digitally
DATA & ANALYSIS	Research & Attribution	🚩 Intro to Research	🚩 Guided Research	Choice Research
	Data Analysis & Visualization	🚩 What Can Data Tell Us?	🚩 Basic Data and Programming 🚩 Data Patterns and Predictions	🚩 Data Explorers
	Data Storage & File Management	👉 Introduction to Data Storage and Files	👉 Data Storage and Files Practice	🚩 Managing Data Storage and Files
Artificial Intelligence		👉 What is AI? 👉 Sorting with Decision Trees Machine Learning: What is a Blorg?	👉 What Can AI Do? 👉 Sorting with Charts	👉 How AI Helps Us Machine Learning: AutoDraw

Digital Literacy and AI 3-5 Pathway

Lesson Key

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1-Day Lesson

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Multi-Day Lesson

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Unplugged Lesson

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Programming Lesson

		3rd Grade	4th Grade	5th Grade
COMPUTING SYSTEMS	Getting Started	🚩 Welcome to CodeHop 🚩 Introduction to Computer Science	🚩 Welcome to CodeHop 🚩 Introduction to Computer Science	🚩 Welcome to CodeHop 🚩 Introduction to Computer Science
	Computing Systems	👤 Introduction to Computing Systems	Exploring Computing Systems	Practicing with Computing Systems
	Productivity Software	👤 Introduction to Productivity Software Introduction to Google Slides Introduction to PowerPoint Introduction to Microsoft Word Introduction to Google Docs	Introduction to Spreadsheets Productivity Software Inquiry Project	Exploring Google Sheets Exploring Microsoft Excel Persuasive Productivity Software Project
SAFETY & RESPONSIBILITY	Networks	🚩 Modeling Network Connections	👤 Networks, Packets, and the Internet	👤 Networks Connections
	Online Safety	Spotting Cyberbullying	Standing Up to Cyberbullying	Reporting Cyberbullying
	Cybersecurity & Privacy	Cybersecurity Introduction Introduction to Cryptography	Online Risks & Protection Exploring Cryptography	🚩 Cybersecurity & Privacy Project 👤 Cryptography Escape Room 👤 Cybersecurity Policy and Laws
	AUP & Responsible Use	Digital Responsibility: Getting Started	Digital Responsibility: Everyday Use	👤 Digital Responsibility: Owning Your Choices
	Digital Footprint & Identity	🚩 Digital Footprint Basics	🚩 Managing Digital Footprints	🚩 Digital Reputation and Identity
	Digital Communication & Etiquette	🚩 Introduction to Digital Etiquette and Communication	🚩 Exploring Digital Etiquette and Communication	🚩 Digital Etiquette and Teamwork
	Screen Time	👤 My Screen Time Balance Plan	👤 Screen Time: Protecting Relationships	👤 Screen Time: Academics and Evidence
IMPACTS OF COMPUTING	Impacts of Computing	🚩 Impacts of Computing: Introduction 🚩 Technology Timeline	🚩 Impacts of Computing: Exploration 👤 CS Innovators: Grace Hopper 🚩 CS Innovators Research Project	🚩 Impacts of Computing: Innovation 🚩 Technology for Everyone
	Careers in CS	🚩 Careers in CS: Health and Fitness	🚩 Careers in CS: Major League Baseball	🚩 Careers in CS: Mobile Apps
	Digital Collaboration	🚩 Introduction to Digital Collaboration	🚩 Exploring Digital Collaboration	🚩 Collaborating Globally
DATA & ANALYSIS	Research & Attribution	What Can I Use Online?	Give Credit When You Use It	Use and Search the Right Way
	Data Analysis & Visualization	🚩 Data Detectives 🚩 Inquiry Project: Survey Bar Graph	👤 CS Innovators: Grace Hopper 🚩 Inquiry Project: Data Bar Graph 🚩 Data Investigators	🚩 Inquiry Project: Line Graph 🚩 Data Analysts
	Data Storage & File Management	File Management and Data	File Management and Data In Action	File Management and Data Exploration
Artificial Intelligence		👤 Introduction to Training AI 👤 Ask AI Better Questions	👤 Machine Learning: Training 👤 How Machines Learn Creating Smart Machines Creating AI Prompts 🚩 Design Thinking: AI Chatbots	Machine Learning: Analyzing 👤 AI Products: Ethical and Responsible Choices 👤 Humans Vs. Machines 👤 Ethical and Responsible Use of Generative AI