






Computer Science PD Playlist

Directions: Explore resources, read one article, watch one video, and listen to a recording of your choice from the list below. Feel free to go big and read them all to support planning, learning, and teaching.

	<p style="text-align: center;">READ</p> <p style="text-align: center;">Read one or more articles</p> <ul style="list-style-type: none"> • State of Computer Science Education (Code.org, CSTA, ECEP) • Teaching the Principles of Computer Science in K–12 Schools (EdTech Magazine) • The Urgent Need to Expand Access to Computer Science Education (The Journal) • Beyond the Buzzwords: An In-Depth Look at AI, Machine Learning, and Language Models Kira Learning • CS helps students outperform in school, college, and workplace (Code.org)
	<p style="text-align: center;">WATCH</p> <p style="text-align: center;">Watch one or more videos</p> <ul style="list-style-type: none"> • (1:45) Why K-12 Computer Science Education? • (3:39) Teaching Coding Bringing Computer Science Education to All students • (5:13) What is Artificial Intelligence? • (38:54) Pathways into Tech Careers: Panel Discussion
	<p style="text-align: center;">LISTEN</p> <p style="text-align: center;">Listen to one or more recordings/podcasts</p> <ul style="list-style-type: none"> • (17:33) The case for making computer science a part of every K-12 curriculum • (54:36) AI4K12 Guidelines and Getting Students Passionate about Computer Science • (varies) ChatEDU EdAdvance
	<p style="text-align: center;">EXPLORE</p> <p style="text-align: center;">Explore additional resources used in the field</p> <ul style="list-style-type: none"> • Connecticut Computer Science Model Curriculum K-8 • Computer Science Dashboard Edsight • AI Guidance For Schools Toolkit Techai.org • Get involved in the Lt. Governor’s Computing Challenge Computing Challenge (ltgovcc.org) • Participate in the Hour of Code: Hour of Code Code.org • CSEdWeek Home CSEdWeek • CS Unplugged Activities: Topics - CS Unplugged • Inspire Students to Try Computer Science: Inspire students Code.org • Activity Resource Guides for Teaching Artificial Intelligence in K-12: AI4K12
	<p style="text-align: center;">REFLECT</p> <p style="text-align: center;">Reflect on the following questions</p> <ul style="list-style-type: none"> • What new awareness, questions, or ideas do you have after reviewing the resources? • What will you do during Computer Science Education Week and beyond? • In what ways can we increase student participation in computer science education?