

CSTANJ CSPDWeek 2026: Integrating CS & AI PreK-3

<https://tinyurl.com/njcspdwk26-pk3csai-resources>

Resources

- Google Slides -  CSTANJ CSPDWeek 2026: Integrating CS & AI PreK-3
Speaker notes clarify what is on the slide / many images on slides are clickable
- What & Why
 - [CSTA Glossary](#)
 - [History of Artificial Intelligence](#)
 - [CSTA AI Learning Priorities for All K-12 Students](#)
 - [CSTA AI as Part of CS](#)
- How
 - CS & AI + Math: [AI Uses Data To Understand The World Lesson](#)
 - [CSTANJ CSPDWeek 2026: LEGO Sorting](#) (In person this would be sorting sheets & actual LEGO)
 - [Teachable Machine](#) (Image Model)
 -  Images for Teachable Machine
 - CS + Science: Pollination
 - [Bea's Bees Read Aloud by author](#)
 - Bee-Bot Pollen Collection Challenge
 - [Online Emulator](#)
 - [Website](#)
 - [Challenge Details](#)
 - Ozobot (account required)
 - [Ari's Pollination Garden](#)
 - [Pollination Garden](#)
 - [Pollen Love With Bees](#)
 - [Kibo Pollination Adventure](#)
 - [Unplugged Save The Bees](#)
 - CS & AI + Social Studies: Expanded from [Where Did AI Come From & Where Might It Be Headed Lesson](#)
 -  Fei-Fei Li, Professor at Stanford University & Chief Technologist at Goo... (00:17-01:57)
 - [Dr Fei-Fei Li on Ai - YouTube](#)
 - [PlantSnap](#)
 -  How Snapchat's filters work (background information for teachers)
 - [Image for Object Recognition activity](#)
 - [Vision AI: Google Cloud](#)
 - [Google Lens](#)

- [ASU Image Accessibility Creator](#)
 - [Elementary AI Club books](#)
 - [AI+Me-Big Idea 5: How AI Can Change the World](#)
 - [▶ How AI is helping Scientists | Your Planet | News For Kids](#) (00:00-00:47)
 - [Face Sensing in Scratch](#) | [Intermediate Tutorial](#) | [Scratch Lab](#)
- Ready To Use Resources (standards will need to be updated to NJ standards)
 - [ScratchJr Connect](#)
 - [Coding as Another Language Curriculum](#)
 - [BootUp Cross Curricular Studio](#)
 - [CodeAI: Computer Science Connections](#)
 - [CodeVA Library](#)
 - [ECSNet Lesson Repository for Elementary School CS](#) (MD)
 - [We Teach CS K-5 Integrated Sample Lessons](#) (TX)
 - [CSinSF: Interdisciplinary Bee-Bot Lessons](#) (CA)
 - [Story Problems with ScratchJr](#)
 - [School Library Media and Computer Science](#) (MD)
 - [K-5 CS: NOT Just Coding](#)
 - [Infusing Literacy in the K-5 Classroom with Computer Science](#)
 - [Day of AI Curriculum](#)
 - [Teaching AI Starting in PreK-2nd Grade](#)
 - [Thinking With Kibo](#) (AI)
 - [CodeAI: AI Curricula](#) (Grades 3-5)
 - [Experience CS](#) (Grades 3-8)
 - [CS+Elementary](#) (Grades 3-5)
 - [Action Fractions](#) (Grades 3 & 4)
 - Credits
 - [Practical Approaches to Integrating CS Across the Curriculum \(*It's Not as Easy as your Principal Thinks, but Worth the Work!*\)](#)
CSTA 2020 presentation by Bill Marsland & Jake Duke
 - [Empowering Educators: Integrating K-8 CS across Core Disciplines](#)
CSTA 2024 presentation by Nicholas Grzeda

Presenter

Vicky Sedgwick

- Retired Elementary Computer Science Teacher / [CSTA Greater Los Angeles Chapter Leader](#)
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