

STEAM OCTOBER NEWSLETTER

This Months letter is T for Technology



Happy October, TLJA Families!

Every month scholars learn concepts about each letter in STEAM, this month is all about technology. Scholars will be learning how to code using two robots called BeeBot and Ozobot. Introducing coding at the elementary level is important because it fosters both academic growth and essential life skills that extend far beyond computer science. At its core, coding is a literacy of the digital age. Just as reading and writing equip students to communicate and understand the world around them, coding equips students to understand and shape the increasingly technology-driven world they live in.

Ms. Bennett

BEEBOT KINDER - 2ND



Bee-Bots are small, programmable robots designed for young learners to explore the basics of coding in a hands-on, engaging way. Students use directional buttons on the Bee-Bot to create simple command sequences—such as moving forward, turning left, or turning right—which helps them practice sequencing, logical thinking, and problem-solving. By programming the Bee-Bot to navigate mats or complete challenges, students see immediate, tangible results of their coding, making abstract computational concepts more concrete and accessible. This playful approach fosters collaboration, creativity, and foundational coding skills in the elementary classroom.

For more information visit:

<https://www.terrapiinlogo.com/stories.html>



OZOBOT 3RD - 5TH



Ozobots are small, interactive robots that help students learn coding through both screen-free and digital methods. Younger students can use colored markers to draw code sequences—such as red, blue, or green lines—that tell the Ozobot how to move, turn, or change speed. As students grow more advanced, they can transition to using block-based coding platforms on tablets or computers to program more complex actions and patterns. This flexibility allows learners to visually see how their code translates into movement, making abstract programming concepts concrete while fostering problem-solving, creativity, and critical thinking.

For more information visit: <https://ozobot.com/>

