

Wildwood Elementary STEAM Team

Wildwood Elementary loves the fun and exciting opportunities the 21st CCLC afterschool program has allowed us to provide for our students.

Second and Third grade STEAM Team has been reading about spiders, and creating spider webs. We have three Lego Jr. teams in this class. We have completed multiple STEM projects such as, creating chairs to support objects, building bridges, and building various structures out of Legos. **It Takes a Village**, a wonderful and committed group of volunteers come in on Tuesdays to create “All About Me” activities with our students.

Fourth grade STEAM Team has been focusing on Art, Math, and Technology. They have been working on both Geometric and Direct Art. They have created a galaxy of stars using points on a single line segment, and created “stained glass” art using only parallel, perpendicular and intersecting lines. They have completed Directed Drawings, which are based on portraits. They will be combining these into a cumulative project that will become a gift for family members at the end of the school year. Finally on Tuesday’s our students get to participate in Minecraft Education and programing Ozobots. In Minecraft, students are in Geometry World. They move from station to station building 3D figures. They are following specific directions on what perimeter and area the figure must be when completed.

5th grade STEAM Team, better known as the Wildwood Wreckers, have been working on the three Core parts of First Lego Education. Students who are part of the competition team design and program the LEGO Mindstorms robots to complete tasks. They learn about Team Spirit and Core Values thorough group competition and games. The Final piece of our competition team is our FLL Research project, which this year focuses on solving a problem an Astronaut might face after an extended time in space. This year our Mentor is a student from Embry Riddle University. We are very excited to learn from her! Being a part of the Lego Team is busy and challenging, but students and teachers are loving it! We are also fortunate enough to be continuing our Chess Team this year with **Coach Jim and his team of Chess experts**. These volunteers are so patient with our students. They are learning so much about chess, patience, and sportsmanship! Each year we compete at a chess competition, and last year one of our students won the entire competition!

This year we have added Thursday club day. Our STEAM teachers, volunteer teachers, and community volunteers have created six different clubs. Students got to choose from 4H, Sign Language, Art, Outdoors, Programming, and Year Book. Not an easy choice! Clubs meet for an hour every other Thursday.

As you can see, the 21st CCLC Afterschool program has fostered a group of students actively engaged in Science, Technology, Engineering, Arts, and Mathematics.