

Wildwood Elementary STEAM Team

As we continue on our journey with the implementation of the 21st CCLC afterschool program, we have many wonderful learning opportunities in place for our students.

Second grade STEAM Team has been studying Force and Motion. Mrs. Haeser received a small grant from Hot Wheels that provided model sets and cars. Students learned about force and motion. Then they researched roller coasters and are now in the planning stages of creating their tracks. They also participated in a class art completion for Black History Month! They will be working on art projects for the Art fair as well!! We love STEAM TEAM!!!

Third grade recently began using National Geographic Explorer! articles to practice informational text strategies with high-interest science texts. Our STEAM students are busy building their science background knowledge to apply to future STEAM projects.

The **fourth and fifth grade** Lego League Robocats have been working on the 3 core parts of the Lego League completion to better prepare for our Family Demonstration.

The robotics part of the competition involves designing and programming the **LEGO** Mindstorms robots to complete tasks.

The second part is working on our Spirit and Core Values through group games and competitions. We are learning to play chess, play competitive Jenga, and any other game our coaches think will challenge us and make us work together to problem solve as a team. Below is the list of our Core Values.

- We are a team.
- We do the work to find solutions with guidance from our coaches and mentors.
- We know our coaches and mentors don't have all the answers; we learn together.
- We honor the spirit of friendly competition.
- What we discover is more important than what we win.
- We share our experiences with others.

The final piece is our FLL Research Project. It is an important part of the preparation for our demonstration. Our team is working on our own research project that incorporates the challenge topic "Animal Allies". This is not an easy task considering that the Research Project consists of the following parts: Research & Analysis of the Topic, Finding a Problem, Developing an innovative solution and sharing your team's Findings with others. We then need to create a presentation that is no longer than 5 minutes.

Being a part of the Lego Team is busy and challenging but we are loving it!

As you can see, the 21st CCLC Afterschool program has fostered a group of students actively engaged in **S**cience, **T**echnology, **E**ngineering, **A**rts, and **M**athematics.