STEAM Music

Digital Design and Music Production

Thank you!

See you in 2022!
PEACOCKS
STEAM Teacher: Ms. Chantel
Rounding off our summer of STEAM this week the focus was on music for the Peacocks. We started the week by learning what sound is, discovering vibrations, pitch, and frequency. The campers challenged us teens/adults to a hearing challenge winning overwhelmingly with their younger ears. They created harmonicas with straws, telephones with paper cups and amplifiers out of recycled materials. We also tested the strength of sound vibrations using a soundbar to make oobleck dance. We learned that heavy metal has the bass needed to make the oobleck jump better. We finished the week with Peacock’s Battle of the Bands, using Chrome Music Lab to create different beats.

BEES
STEAM Teacher: Ms. Williams
This week the Bees were buzzing to the sound of music! They explored how sound moved, talked about pitch, volume and learned how microphones and speakers worked. They discovered that sound moved differently through solid, liquid and air. Next they added to their knowledge of sound and created harmonica’s and maracas out of dried beans, seeds and recycled materials. Using Chrome Music Lab, they experimented with music and shared their discoveries and new sounds with their friends!

"That was so fun! I never got to make music by myself my whole life and today I did."
- Dash, Peacocks
This week the Hawks learned all about sound and music! The Hawks explored sound waves through a sound scavenger hunt where they noticed the many different sounds around the Cathedral grounds and through sound waves experiments in the classroom. The Hawks also experimented with everyday objects and recyclable materials to create new sounds. Then, campers used their discoveries to design and build their own unique, sustainable instruments using these objects that they played together in a “Stuff-ony Orchestra.” Finally, the Hawks combined their programming and music-making skills to code Dash Bots to play their own original songs on xylophones and to create musical games and movies using Scratch.

"Djay was 'swawesome' - sweet plus awesome!"
- Matthias, Hawks
FRIDAY MAKER SPECIAL
Special Guest: NOISE212 Labs

We wrapped up the week with some music and games sponsored by NOISE212 Labs. Campers explored DJ stations equipped with Serato DJ Pro software and Roland DJ-202 controllers and danced to their own mixes of their favorite pop songs. In addition, campers also formed teams and participated in a Mario Kart tournament and Just Dance competition on a Nintendo Switch.

It's been a wonderful week with all of you music makers! Thank you for joining us!

Warmly,
The STEAM Camp Team