

## Kosmic Kids

This week in Kosmic Kids has been a blast. We soared into space with our twirling rockets on a string. We learned all about how zero gravity affects our ball



and cup toy in outer space. We have become space experts while making moon craters, moon scopes, comets, and nebular jars. And we can name all the planets — in order — with our take home solar systems!

## Kids In Space

This week, our Kids in Space were out of this world! We started the week by learning the Laws of Motion to understand

how rockets work so we could build our own. We studied gravity and microgravity to understand the challenges astronauts and rocket scientists face. We made comets and nebulae and took a tour of the solar system. We even saw a real sample from the moon! We had an absolute blast!



## Candy Lab

This week in Candy Lab we really sank our sweet tooth into all sorts of candy. We started our week off by learning all about chocolate, sugar, and tastes (like salty sweet and our favorite, umami). We made candy sushi, pixie sticks and chocolate mousse. We had a whole day about sugar, and made caramel, candy hair,



and chocolate bowls. We had a great field trip to the PEZ factory, and finished our week with Candy Jeopardy. It was one sweet week!

## Cyber-Play

We were busy! We learned about block programming by completing increasingly difficult puzzle challenges on Code.org, then applied the experiences to create simple games. We moved on to programming and game creation with Scratch, a block-based programming language. We practiced basic html programming to create a website as a place to share the links to our creations. We were challenged to create a simple game using Python, a text-based programming language. We had a lot of fun programming, learning and playing with our friendly robots, Dot and Dash.



## 3-D Design

This first week of 3-D Design, we linked form and function in order to build thoughtful resilient objects. Our designers were challenged to make an aesthetically interesting bridge, that can hold as much mass as possible while being the most affordable. Our designers met and worked with a guest architect from New York. They calculated the square footage of Wonder Workshop, reimagined the space as anything they wanted, made a bubble diagram and a new floor plan. The workshop was redesigned as a house, a doctor's office, an arcade, and an art gallery. Designers made functional 3D printed objects, and a protective casing for eggs...to be dropped... from the roof!



**Next Week:** Several spots still open! Call 203-372-3521 x117  
**Rock Stars Gr. 4-6 • Sports Science Gr. 5-7**