

Weekly inGenius Camp Newsletter

July 11, 2015

inGenius Fourth Week Report

We are heading into the fifth week of summer camp. There are more exciting camps to come.



RECAP WEEK OF 7/6/2015

Writing the Future & Future City Design

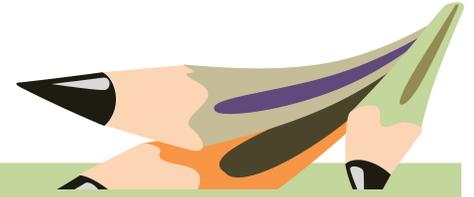


The students were able to brainstorm ideas of what is involved in designing a city. We talked about the infrastructure and what a city manager would approve for the different areas of a city. The students were then able to build their own cities using geometry nets to construct their buildings. We used geometry terms as they built. Upon completion they explained their thinking in a paragraph.

Hands on Geometry

The students used 2D (plane) and 3D (solid) geometry. They were asked to pick a section of a city (downtown, suburbs, business district etc.) and design it on paper first (2D). In the design they were given specific geometric requirements. Once they met these requirements they were able to begin their structures in 3D. They used geometry nets to cut, fold and tape together their buildings. They added roads, highways, and a few extras to make it more like an actual city. After these were completed the students reviewed coordinate graphing by playing Battleship. Our last day was spent using Tangrams to find the different ways of making geometric shapes.





RECAP WEEK OF 6/29/2015

Alice3 - Introduction to Java Programming

Campers learned key 3D game development concepts including game planning, character movement, collision detection, in-game dialogue and playability. They will learn Object-Oriented programming principles in a Java enabled environment.

Here is the link to view project presentations:

<http://ingenius.us/gallery/>



Mobile App Inventor

Our campers designed and created Android apps in group, utilizing a variety of media and programming techniques. They also developed their own business plan.

Health & Wellness Camp!

Kids experienced in a variety of exercises and learn about nutrition, and how to make healthier daily choices while integrating health habits and fun activities.

Multi Sports Camp

Campers a variety of different sports in one week. They went golfing and horse riding, as well as basketball and Kung Fu.



THE WEEK AHEAD

(7/6/2015-7/10/2015)

A Plus Leadership Camp

A PLUS Summer Leadership Camp is where the campers will learn the characteristics of a good leader. They will be involved in some Tribes activities that will reinforce the need for team players. We encourage our campers to become strong independent leaders and thinkers while engaging them in different challenging activities. Through friendship, workshops and encouragement, A PLUS Leadership Camp offers children a multi-camp experience designed to build positive values and to provide growth to prepare them for roles as leaders. Through our programs we aim to help children develop: Responsibility, self-respect, curiosity for learning and an eye for caring for others.

Java Programming

This camp provides an introduction to the Java programming language with a focus on procedural programming and quick instruction to object-oriented concept.

LittleBits Science, Engineering & Art

Using both LittleBits blocks and hands-on experiments, kids learn about electrical engineering, science and art.

The World's Greatest Inventions

The students will learn about famous inventions that have shaped our world as we know it today. After hearing these inspiring stories, students will be encouraged to create their own inventions using recycled materials.

Digital Photography

This camp will focus your attention on geometric patterns that make up much of the world. You will see how science, math, and art work together to make beautiful and strong structures.