



## 2020 Summer Camp at Kaleideum North

**Ages 3 & 4** – 9 am-12:30 pm  
\$100 member/\$120 non-member

**Rising K – Rising 2<sup>nd</sup>** – 9 am-4 pm / *before care (8 am) & after care (4-5:30 pm)*  
\$200 member/\$240 non-member

**Rising 3<sup>rd</sup> – Rising 6<sup>th</sup>** – 9 am-4 pm / *before care (8 am) & after care (4-5:30 pm)*  
\$200 member/\$240 non-member

### **June 8-12**

½ Day: Ages 3 & 4

#### **Dino Discoveries**

Take a trip back in time to explore the unique and strange animals that once roamed the planet. Little paleontologists will learn about dinosaurs and prehistoric creatures through stories, art projects, science experiments, and more!

Full Day: Rising K - 2<sup>nd</sup>

#### **Let's Get Glowin'**

Explore things that glow-in-the-dark and design colorful crafts and wearables that radiate and shine! We'll experiment with our own rainbow creations, investigate the vibrant world of illumination, and throw a glow-in-the-dark dance party on Friday afternoon. Campers—prepare to get glowin'!

Full Day: Rising K - 2<sup>nd</sup>

#### **Fizz, Bang, Pop!**

Measure and mix things up with us this week! Experiment with color change, make raisins dance, measure ingredients, and test chemical reactions while making fizzy brews and rubbery gloop.

Full Day: Rising 3<sup>rd</sup> – 6<sup>th</sup>

#### **Potion Commotion**

We'll learn about the wonders of chemistry and transform materials before our very eyes! Explore the properties of matter including color change, thermal reactions, and even an explosion or two! BOOM!

### **June 15-19**

½ Day: Ages 3 & 4

#### **Bubble Trouble!**

Can you make a square bubble? Can you blow a bubble the size of your head? Find out this and more as we measure out the perfect bubble solution, engineer our very own bubble wands, and create slithery bubble creatures and other soapy formations!

Full Day: Rising K - 2<sup>nd</sup>

#### **Art-venture**

It's hands-on, minds-on along this art adventure! Draw, sculpt, and experiment with different tools and techniques to bring imaginations to life. Learn how to create paper mache bowls, clay creatures, and explore drawing and screen-printing techniques.

Full Day: Rising K - 2<sup>nd</sup>

**Mess it up!**

Explore the great outdoors by digging in dirt, playing in mud, and meeting some slippery, slimy animals. Campers will finger-paint, make slime, and partake in some messy experiments.

Full Day: Rising 3<sup>rd</sup> – 6<sup>th</sup>

**Slime Time**

Get ready for sticky, stretchy, ooey, gooey fun as we experiment with different slime recipes and explore slime in nature.

**June 22-26**

½ Day: Ages 3 & 4

**Monster Mania**

RAHHRRR!! GRRROWL!! Grrr? What sound would you make if you were a monster? Create your own monster identity with us this week and practice some monster moves. We'll even make a few mini monsters of our own invention!

Full Day: Rising K - 2<sup>nd</sup>

**Wizard Academy**

In Wizard Academy, we'll explore some of the core subjects including potions and charms, as well as, extracurricular studies in fantastic beasts and quidditch. Venture into the wizarding world through imaginative play and science experiments. Muggles welcome!

Full Day: Rising K - 2<sup>nd</sup>

**Mechanical Mechanisms**

Put your engineering skills to the test! Using the engineering design process campers will imagine, design, and test their own contraptions. Get ready to create in this hands-on experience.

Full Day: Rising 3<sup>rd</sup> – 6<sup>th</sup>

**Complex Creations**

Do you love to take things apart to see how they work? Join us as we trace complex inventions back to their ancient roots! Put on your hard hat and join us as we explore how simple machines lead to complex creations!

**June 29-July 3**

½ Day: Ages 3 & 4

**Up, Up & Away**

How do you get from here to there? A bus, a car, a trolley, a train, a plane, a hot air balloon - maybe even a rocket! Join us as we explore the world of transportation, and head home with new ideas about motion!

Full Day: Rising K - 2<sup>nd</sup>

**LEGO Lab**

Ready, set, build! Let your imagination run wild while creating cars, conducting LEGO science experiments, and completing LEGO-themed challenges. Test the basic principles of engineering as you work together to plan the ultimate LEGO city.

Full Day: Rising K - 2<sup>nd</sup>

**Nature Explorers**

Enjoy the wild and wonderful outdoors at Kaleideum North! Campers will enhance their perspectives on nature through outdoor exploration, gardening, sensory strolls, vermicomposting, animal encounters, insect observation, and creating art from natural materials!

Full Day: Rising 3<sup>rd</sup> – 6<sup>th</sup>

### **Creative Coding**

Join us at the intersection of technology, art, and innovation! Experiment with coding and create a one-of-a-kind piece of art created by you...and a ROBOT!

## **July 6-10**

½ Day: Ages 3 & 4

### **Ocean Commotion**

Do you know what lives in the sea? Sharks, jellyfish, coral, whales, fish, and even manatees. Some are big, and some are small, come and discover the mysteries of them all!

Full Day: Rising K - 2<sup>nd</sup>

### **Design It!**

This hands-on experience invites campers to tell stories by making and building. Young creators will design and construct scenery, puppets, costumes, props, and anything else they can imagine.

Full Day: Rising K - 2<sup>nd</sup>

### **Blast to the Past**

Join us as we travel from the past to the future! We'll begin with dinosaurs and end up all the way into outer space and beyond. Hop into our time machine as we blast off to the past, visit the future, and return energized to the present!

Full Day: Rising 3<sup>rd</sup> – 6<sup>th</sup>

### **STEAM'D Up!**

Bring out your creative side for STEAM week as we explore dirty, messy, explosive science! Create colorful slime, learn the physics behind pendulums while creating giant works of art, and use your math skills to make transforming shapes!

## **July 13-17**

½ Day: Ages 3 & 4

### **Jump & Move**

Jump, swing, skip, and tumble in this camp for kids who love to move! This week will include relay games, yoga, hula hooping, obstacle courses, and dancing. Come exercise your body and mind with us!

Full Day: Rising K - 2<sup>nd</sup>

### **Superhero Bootcamp**

Be sure your sneakers are tied tightly this week...and be ready for some action! We'll create our own superhero identity, build and run obstacle courses, design our superhero armor, and train to be the best heroes and heroines in North Carolina. Pose for your action shot!

Full Day: Rising K - 2<sup>nd</sup>

### **To the Extreme!**

From erupting volcanoes to bone chilling temperatures, campers will explore the most extreme events the Earth has to offer! Become a storm chaser, learn about hurricanes and tornadoes, put your engineering skill to the test, and design an earthquake proof structure. Learn what it takes to survive in some of the harshest environments on Earth!

Full Day: Rising 3<sup>rd</sup> – 6<sup>th</sup>

### **Kaleideum Arcade**

We'll spend the week using real tools, a variety of supplies, and our imaginations to create cardboard arcade and carnival games – then invite our friends and family to play them! Skee-ball anyone?

## **July 20-24**

½ Day: Ages 3 & 4

## **Dig Down & Build Up**

Are you ready to get dirty? We'll get down in the dirt and sand this week to learn more about what's underneath our feet — mud, worms, insects, etc. — before we move in the other direction and build up above the ground: houses, cities, and skyscrapers. What kind of structure will you design?

Full Day: Rising K - 2<sup>nd</sup>

### **Build It!**

Design and engineer buildings and structures of all sizes from every material imaginable! Learn how to build a structure from the ground up and ways to keep it standing through the tests of time and weather. With stories to inspire us and a variety of materials to work with, we'll build a city full of our own architecture!

Full Day: Rising K - 2<sup>nd</sup>

### **Full STEAM Ahead**

Play like a scientist with droppers, measuring spoons, flasks, and test tubes while creating explosive works of art! We'll experiment with sound, learn how rainbows form, and make our own playdough! Get ready to experiment and create!

Full Day: Rising 3<sup>rd</sup> – 6<sup>th</sup>

### **TechVenture**

Step into the world of coding and robotics in the innovative STEM camp! Campers will tinker with different robots and other programmable pieces of technology. Explore what's possible today and envision the exciting future of tomorrow.

## **July 27-31**

½ Day: Ages 3 & 4

### **Dance n' Beats**

We'll make some noise and move our feet while we create instruments, lay down some beats, discover new music, and experiment with styles of dance. From ballet to hip hop and classical to rock – we'll dance and sing the whole week long!

Full Day: Rising K - 2<sup>nd</sup>

### **Seussical Science**

Oh, the places we'll go! Come on a fantastic adventure from the pages of Dr. Seuss favorites. There will be stories to read and fun science experiments, too. We'll take a microscopic search for Who-ville and Whos, make our own Truffula Trees, and experiment with Oobleck!

Full Day: Rising K - 2<sup>nd</sup>

### **Kaleideum Summer Olympics**

Go for the Gold! Design your own shirt and flag to represent your team in challenges. Learn the science behind some favorite Olympic games; discover the geography, culture and climate of Tokyo; and create your own Olympic sport. Let the Games begin!

Full Day: Rising 3<sup>rd</sup> – 6<sup>th</sup>

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## **August 3-7**

½ Day: Ages 3 & 4

### **Animal Adventure**

Get your binoculars ready for an adventure! Join us for a journey through different environments. We'll travel from the Arctic to the jungle as we explore various habitats and the animals who live there!

Full Day: Rising K - 2<sup>nd</sup>

**Color My World**

Paint your way through the color wheel! Learn the science behind rainbows and explore different styles of painting. With a paint brush in hand and a palette of creativity, campers will flourish while producing masterpieces of their own!

Full Day: Rising K - 2<sup>nd</sup>

**Ms. Frizzle & Friends**

Hop on board the Magic School Bus and take a fantastic voyage through the world of science! Observe worlds big and small and study reptiles of all kinds. During this crazy adventure we'll explore the ocean, water cycle, color, and outer space!

Full Day: Rising 3<sup>rd</sup> – 6<sup>th</sup>

**Mission to Mars**

More missions have been attempted to Mars than anywhere else in the solar system! What's next for the exploration of the Red Planet? Explore how lessons learned from previous missions have informed the planning for InSight and MARS 2020. From modeling the orbits of Earth and Mars, to designing and creating model rovers and landers, we'll take the next step as Martian explorers!

**August 10-14**

1/2 Day: Ages 3 & 4

**To Infinity and Beyond**

Prepare to blast off as we venture into outer space with the Sun, stars, moons, and planets. Hop in our rocket ship as we count stars, explore constellations, journey to other planets, and check out the 3<sup>rd</sup> planet from the Sun—Earth.

Full Day: Rising K - 2<sup>nd</sup>

**Space Rangers**

Spend the week on an intergalactic journey! We'll travel to the stars and back again to learn more about our solar system and create projects and costumes akin to our favorite characters from distant galaxies and alternate universes. Challenge yourself in an outer space obstacle course, practice your light saber skills, and hunt for moon rocks. *May the Force be with you!*

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