

**Q: At Kids on Campus, what's the difference between fun and learning? A: Nothing!**

## Making the Most of Your Child's Kids on Campus Experience



Welcome to the eighth year of Kids on Campus! Designed for youth entering first through eighth grades, this program offered by Keene State College's Division of Continuing Education combines fun and learning. We are excited to be offering this program again this year and look forward to having your child join us!

Classes are half-day, either in the morning (9 a.m.-noon) or afternoon (1-4 p.m.). Grade ranges are just suggestions. We encourage parents to select classes based on their child's interests and maturity level.

The weekly fee is \$125/half day;  
\$200/full day.

Typically, you walk your students to the classroom and pick them up from that classroom. You supply snacks and drinks for break time and lunch for students staying a full day. Keene State personnel meet all-day students after class, accompanying them to the lunch area before walking them to afternoon classes. College students supervise breaks.

Keene State College's federal tax ID number is 02-6000-937.

### 1st and 2nd grades

#### **American Girl Adventure**

It's great to be an American Girl, and it is even more fun when we can share our love of dolls with each other! Many American Girl Dolls come from certain time periods and give us great history and cultural lessons. During the week we will study five (one per day) of the American Girl historical dolls. We will learn about the time they were growing up, explore what their typical day would be like, and make a craft from that time period. Students are welcome to bring their own dolls to share in our learning and fun! Instructor: Mandi Slate. Afternoons, July 29-August 2.

#### **Animal Survival**

Did you ever wonder how animals survive in the wild when there are so many predators out there? Snails, lizards, insects, mice, and other animals that seem to be so vulnerable have amazing strategies for survival. Learn about how animals protect themselves from predators through games, art projects, and live animal observations. Instructor: Jenna Spear-O'Mara. Mornings, July 15-19.

#### **Blast Off to Space**

Do you love to do crafts? Do the planets and space fascinate you? Join us to learn about the planets and create one from papier-mâché. Build simple rockets and launch them. Make a galaxy. Learn about meteors and comets. Come have a blast! Please wear old clothes or bring a smock. Instructor: Tina Thayer. Mornings, August 5-9.

#### **Bubble Festival**

Experiment with bubble solutions, bubble frames, and structures of shapes you create with bubbles. Sharpen prediction and inquiry skills while developing new ways of making bubbles. Merge math and science through bubble measurement, experimentation, data collection, and analysis while making literature, language arts, and art activities part of the fun and magic of bubbles. Instructor: Linda Balk. Mornings, July 29-August 2.

#### **Dinosaurs**

Why are dinosaurs extinct? What did dinosaurs really look like? Do you know the different characteristics of plant eaters and meat eaters? Do you enjoy creating things? Learn all about dinosaurs, make a papier-mâché dinosaur, create

your own dinosaur, and make your own fossils. Instructor: Tina Thayer. Afternoons, August 5-9.

#### **European Adventure**

Do you want to learn about Italy? What are some of their traditions? Famous foods? How is their "everyday" life? How about Spain? France or Germany? Get your passport and be ready to have fun learning! We'll make crafts, some easy food, and a "scrapbook" of what we learn! We will also have our own "passport" in the end. Instructor: Tina Thayer. Mornings, July 29-August 2.

#### **First, Next, Then...**

Have you ever tried to write down the exact directions for making a peanut butter and jelly sandwich or chocolate chip cookies? We will go on an adventure where each day we will write down directions for something that we know a lot about (cookies, sandwiches, popcorn, painting a picture). Then we will take turns following the exact directions to see if they were specific enough or if, in the end, we are still holding a spoon, because they never said to put it down! Instructor: Lori Stevens. Mornings, July 15-19.

#### **Fun with the Five Food Groups!**

Explore the food groups in a fun new way. We will go on local adventures to explore and understand food. Every day we will discuss and learn about a new food group, move our body in either dance or games, and learn where our food comes from. We will create our own healthy plates. Possible adventures include trips to the farmers' market and a local food store for fun scavenger hunts and behind-the-scenes tours. Instructor: Michelle Tiani. Mornings, July 22-26.

#### **Knights of the Round Table**

Have you ever wondered about what it would be like to live in a castle? Let's travel back in time to medieval days of court jesters, knights and castles. We will explore how and why castles were built before we embark on making our own small-scale castles. Don't forget the jobs of the people in the castle too! We will discover how people were entertained in medieval times, games children played, and how people lived through literature, games, and videos. Instructor: Linda Balk. Afternoons, August 5-9.

#### **Laid-Back Literature**

Take a break from school and enjoy reading fun stories and creating art to go with it. Let's read and be hands-on at the same time! We will make many projects to talk about the stories we read. Students will learn techniques to illustrate their

images using a variety of materials. Let's paint, draw, collage, CREATE! Instructor: Jeanette Leclair. Afternoons, July 15–19.

### **Lego Engineering (grades 2 – 4)**

Have fun building with Legos while learning basic engineering skills, including reading diagrams, designing, teamwork, testing, and measuring results. You build and motorize simple machines and create vehicles using steering, gears, axles, and more. Instructor: Katie Harmon. Afternoons, July 15–19 or July 22–26, or Lori Stevens. Mornings, July 22–26.

### **Liquid Explorations**

In this series of fun and fluid activities, you'll explore the properties of liquids. We'll play a classification game, observe how food coloring moves through different liquids, and create secret salad dressing recipes and an Ocean in a Bottle. Activities incorporate discussions of environmental issues such as oil slicks and pollution. Instructor: Linda Balk. Afternoons, August 5–9.

### **Perfectly Promising Puppeteers**

We will create puppets using a variety of art materials while you learn how puppeteers bring puppets to life using scenery and a script. We will explore a different literary genre each day through "read alouds" and connect each to a game. The week ends with a perfectly pleasing performance. Note to repeat students: This class is different every year, with new books and performances. Instructor: Nancy Greene. Afternoons, July 22–26.

### **Schoolyard Ecology**

Join us as we nurture curiosity about the patterns and interactions in nature, beginning with the immediate environment—the schoolyard. Students learn biological sampling techniques; mapping and related mathematical skills are developed. In addition to temporarily collecting samples in "shake boxes," special investigations focus on ants and spiders. Students discover that a bush may be home to a community of interacting plants and animals. Literature extensions, arts and crafts, and environmental writing round out the week of hands-on activities. Instructor: Linda Balk. Afternoons, July 29–August 2.

## **3rd-5th grades**

### **A Poet and Didn't Know It**

Do you like fantasy, fables, folklore and more? Do you like to create with a variety of craft materials? We will be designing, developing, and drafting all week long. In the end you will have your own handmade poetry journal to bring home. Instructor: Nancy Greene. Afternoons, July 22–26.

### **Chemical Reactions**

In this introductory chemistry class, even an ordinary Ziploc bag becomes a laboratory. Students learn about experimentation, observation, and inference as they mix chemicals and watch them bubble, change color, get hot, and pro-

duce gas or odor. Instructor: Barbara Depew. Afternoons, July 22–26.

### **Crankies and More**

A crankie is a visual storytelling device in the form of a moving paper scroll. Collaborating in a group, participants will make their own crankie to illustrate a local story, an oral history, a song they write, or an old folktale or song. The whole class will also help to construct a small, shared crankie "stage" for sharing their crankies at the end of the class. Instructor: Purly Gates. Afternoons, August 5–9.

### **Electrical Currents**

Invent your own electrical gadgets using inexpensive and readily available materials, such as plastic film canisters and holiday lights. Learn about simple, series, and short circuits, and investigate batteries, resistance, conductors, and insulators. Use engineering skills such as schematic diagrams and scientific record-keeping to improve your inventions. Instructor: Barbara Depew. Afternoons, July 22–26.

### **Ever Enchanting Mythology**

Do ancient histories and stories interest you? Would you like to learn more about life in Ancient Greece and the myths that were told? Join us for a week of mythological stories and crafts. Students will participate in Greek theatre to bring the stories to life, as well as craft projects to display what they've learned. Come travel back to ancient times! Instructor: Jeanette Leclair. Mornings, August 5–9.



### **Express Yourself! Poetry Workshop**

Do you enjoy expressing yourself through poetry? We will learn and practice many types of poetry, including haikus, couplets, blank verse, limericks, "I am" poems, and sonnets. We will then publish your poems and have a poetry reading where you can share your poems with everyone! Instructor: Lori Stevens. Afternoons, July 15–19.

### **Forces of Nature**

Why do volcanoes erupt? What is a hot spot? Where are there active volcanoes? Do you know what causes a tsunami? What is a hurricane, a tornado, or an earthquake? Learn about the forces of nature and emergency preparedness, conduct hands-on experiments, and make your own erupting volcano. Instructor: Tina Thayer. Afternoons, July 29–August 2.

### **Junior Chefs**

Calling all chefs: Let's get cooking! Summer is the perfect time to create edible masterpieces

from local bounty. Spend the week learning about local foods from nearby gardens and the farmers' market. Cook up simple delights with the freshest foods. Teach what you learn to your family at home. Instructor: Kristen Reilly. Mornings, July 29–August 2.

### **Lego Adventures II Goes Green (grades 4 to 8)**

Learn engineering, physics, science, and math while you have fun building and customizing motorized machines. Move beyond simple machines to those powered by renewable energy sources, and learn about energy transfer, storage, and conversion. Work with another student to learn teamwork and deep thinking as you test your machines against those of other teams. Instructor: Dan Heath. Mornings, July 15–19 or Instructor: Patrick Dorcus. Afternoons, July 15–19.

### **Letterboxing Treasure Hunts**

Letterboxing is an exciting and modern twist on treasure hunting. The waterproof containers are hidden all over the world and contain a small logbook for treasure hunters to "sign" when they locate the letterbox using creative, and cryptic riddles, puzzles, or clues. Join us and work together with peers to discover hidden letterboxes around Keene, develop your letterboxing stamp, create thought-provoking clues, learn basic navigation skills, and become a treasure hunter! Instructor: EJ Albin. Afternoons, July 15–19.

### **Magic for Beginners**

Participants learn easy-to-master, fun magic tricks using everyday objects found around the house (cards, coins, etc.). Sequential learning skills, stage presence, presentation skills, and the importance of practice are emphasized. There is also some discussion about the history of magic, magicians and the styles of magic. Each day begins with a short audience participation magic show. Class members use their new skills in a "Magic Show" on the last day. Instructor: BJ Hickman. Afternoons, July 29–August 2.

### **Mathemartics**

Did you realize that math and art have a lot in common? Join this class to explore how tessellations, origami, geometry, ratio and proportion – just to name a few of the topics we explore – all fit together to make beautiful pictures. Instructor: Susan Wiles. Afternoons, August 5–9.

### **Three, two, one....BLASTOFF!**

This camp offers kids the opportunity to help construct a model rocket, make predictions about its flight pattern, and even launch it at the end of the week! We'll learn about rockets, try out different propellants, experiment with what makes a launch successful, and encourage kids to develop their skills as team members and leaders. Instructor: E.J. Albin. Mornings, July 15–19.

### **Thrilling Roller Coasters**

Do you love roller coasters? Design the ultimate ride while learning valuable engineering con-

cepts such as potential and kinetic energy, friction, velocity, and acceleration. Students build a variety of roller coasters using marbles, pipe insulation, Styrofoam, and other materials. Instructor: Deb Young. Mornings, July 29–August 2.

### What's on the Menu?

Do you love all types of writing? Do you enjoy a challenge? If so, join us on an exciting adventure that you create! Each day you will choose from a menu of different types of writing categorized by appetizers, entrees and desserts. By the end of the week you will have two appetizers, an entrée and two desserts to share with the class. Instructor: Lori Stevens. Afternoons, July 22–26.

### Dynamic Web Page Design

Explore different platforms to build a personal web page, including Microsoft Office SharePoint Designer and free, open-source web tools. Find out how dynamic web features such as hit counters, animated flash, online calendars, guest books, and embedded audio/video clips can add interest to your web page. Instructor: Yi Gong. Mornings, July 30–August 3.

### Yoga Fun

Join a fun-filled week of yoga using music, literature, and cool crafts! Your body will come alive with yoga moves and your mind will be stretched with marble meditation. We will create your very own peace garden to practice your yoga at home. Instructor: Shelley Pagonis. Afternoons, July 29–August 2.

## 6th-8th grades

### Advanced Magic

No previous magic instruction is required in this hands-on magical learning experience. Participants learn easy-to-master, fun magic tricks using everyday objects found around the house (cards, coins, etc.). In this “advanced” class for children well into their double-digit ages, additional time is spent on more skillful sleight of hand techniques. Sequential learning skills, stage presence, presentation skills, and the importance of practice are emphasized. There is also discussion of history and styles of magic. As a group, the class determines the direction the class goes with respect to “applications” for their new skills (such as entertaining, teaching, sales, sharing, science, psychology, communication, etc.). Instructor: BJ Hickman. Mornings, July 29–August 2.

### CSI KSC

Join in the hunt for clues to solve a mystery. Learn about forensic techniques and practice reasoning skills. Be prepared to role-play a detective, a witness, or a perpetrator. Join in the fun as we narrow down our list of suspects. Instructor: Susan Wiles. Afternoons, July 29–August 2.

### Design and Build for Sustainability

Did you ever wonder what an engineer does? What does it mean to manufacture something?

Believe it or not, it really comes down to two words: Design and Build. Students will use 3-dimensional computer modeling software to make designs and computer controlled (CNC) and rapid prototype (3D-printing) machines to help build their products. Every student will make at least three complete projects of their own design that they will be able to take home. For the first time ever, Kids on Campus students in this class will be working in the brand new Ideation and SPDI labs housed in the new TDS Building. Instructor: Chris Gray. Afternoons, July 22–26.

### Food Travels

This class is a culinary tour of France, Italy, Mexico, China and Spain. Each day the special dishes of a different country will be prepared and eaten. Instructor: Linda Stavely. Mornings, August 5–9.



### GPS, Geocaching, and Google Maps

Adventure out into the wilds of Keene (within walking distance of KSC) using GPS handhelds to zero in on geocaches. Retrieve the hidden treasure, then put together your own geocache, locate it on Google Earth, and hide it for others to find. This week of discovery teaches you about handheld GPS units and combines them with Google Earth, mapping data via GPS, field electronic data collection, and geocaching. Instructor: Patrick Dorcus. Mornings, July 15–19.

### Junior Chefs II

This is a more advanced cooking class for students with prior cooking experience. Campers will plan the meals to be cooked, organize the food budget and grocery list and complete the shopping at the farmer's market. We will spend more time learning about nutrition and the impacts a local food diet has on our health (and that of the environment). The week will culminate in a “Top Chef” mini competition. Instructor: Kristen Reilly. Mornings, July 15–19.

### Lego Adventures II Goes Green (grades 4 to 8)

Learn engineering, physics, science, and math while you have fun building and customizing motorized machines. Move beyond simple machines to those powered by renewable energy sources, and learn about energy transfer, storage, and conversion. Work with another student to learn teamwork and deep thinking as you test your machines against those of other teams. Instructor: Dan Heath. Mornings, July 15-19 or Instructor: Patrick Dorcus. Afternoons, July 15-19.

### Let's Google!

Explore free Google toolkits for developing architecture designs, traveling all over the world, designing surveys, and collaborating with others. Google toolkits help you make learning more fun, creative and dynamic. Students are expected to have a certain level of computer skills (typing, skillful use of mouse, managing documents, etc.). Instructor: Yi Gong. Afternoons, August 5–9.

### People Puzzles (girls only)

Growing up is tough...this class will involve small group discussion, “read-alouds,” worksheets, role plays, simple crafts and videos that help us answer some very important questions: How to get along with others, sort through difficult feelings, and build self-confidence. Instructor: Mandi Slate. Afternoons, August 5-9.

### Radical Robotics

Robots are everywhere! They vacuum our floors; they assemble our automobiles; they perform surgery and in some places, they are even being used to cook our food. Radical Robotics will allow students to experiment with the three elements of a robot, the microprocessor, the communication system, and the mechanical system as they design and build original robots using “state of the art” equipment. We will be working from national robotics curriculums: VEX Robotics and Lego Tetrax and Mindstorm. Participants in this class will learn first-hand what it's like to be on a competitive robotics team. At the conclusion of the week, student teams will compete as alliances and competitors on an “official” FIRST FTC and VEX Robotics Challenge playing field. Instructor: Chris Gray. Afternoons, July 15–19, or Mornings, July 22–26.

### The Wonder that is India

India is one of few countries that has had a long and an unbroken history from about 3000 BCE to today. Present-day India has been fashioned by that history and the fact that it was ruled by a long line of myriad dynasties from all over the world. Learn about India's many facets through language, art, music, dance, mythology and food. This will be a class of interactive learning and will end with a choice of interesting projects. Instructor: Premi Shankavaram. Afternoons, July 15–19.

## Camp Vision:

### Improving the Future for Children with Learning Differences

The only camp of its kind in New England, Camp Vision pairs children with learning differences with counselors who also have LD. Through art empowerment, independent learning projects, and outdoor activities, campers gain self-esteem and self-advocacy skills to help them succeed in and outside the classroom. For more information, visit [keene.edu/conted/kids](http://keene.edu/conted/kids)

