UC Davis School of Education – Adventures In Enrichment

Invites You To Have a

STEM-Tastic Summer
(Science, Technology, Engineering, and Math)

5 weeks of fun and enrichment
June 18 – August 3
(no camps the week of July 2)

Open to young people entering
grades 1-8 in the fall of 2018

To register or for more information, visit: https://education.ucdavis.edu/adventures-enrichment
Choose the camp based upon the campers grade level in the fall of 2018. For campers attending both the regular camp and the High Velocity camp, there will be supervision provided between 2 - 2:30 p.m. and 5:30 - 6 p.m. at no additional charge. We will also provide an early morning program from 7:30 - 8:30 a.m. and an afternoon extended day program from 2 - 6 p.m.

Welcome!

Register early and save!

Early Bird Special: February 5 – April 5
Regular Camps: $275 / week • High Velocity: $175 / week

On-going Registration after April 8
Regular Camps: $295 / week • High Velocity: $195 / week


Camp Sessions

AM Extended Care: 7:30 - 8:30 a.m.
AM Camp Session: 8:30 - 2:00 p.m.
PM Camp Session: (High Velocity) 2:30 - 5:30 p.m.
PM Extended Care: 2:00 - 6:00 p.m.
### June 18-22
- **Grades 1-2:** Unleash Your Wild Side
- **Grades 3-4:** Science of the Human Body
- **Grades 4-5:** Intermediate Robotics
- **Grades 6-8:** Becoming a STEM Maker
- **Grades 6-8:** Engineering Design with Cars and Boats
- **Grades 7-8:** Biotech

**HIGH VELOCITY**
- **Grades 1-2:** Coding Mouse Exploration - New Camp
- **Grades 3-4:** Beginning Robotics
- **Grades 3-4:** The Great Toy Design Challenge - New Camp
- **Grades 6-8:** Minecraft
- **Grades 7-8:** Exploring the Microscopic World

### June 25-29
- **Grades 1-2:** Seed Rescue
- **Grades 3-4:** Science of the Human Body
- **Grades 6-7:** Rube Goldberg
- **Grades 6-7:** Competitive Robotics
- **Grades 7-8:** Ocean Exploration
- **Grades 7-8:** Computer Aided Design

**HIGH VELOCITY**
- **Grades 3-4:** Earthquake Technology - New Camp
- **Grades 3-4:** Exploration in the World of Art - New Camp
- **Grades 6-7:** Go Fishing: Engineering Prosthetic Fish Tails
- **Grades 6-8:** Engineering Design with Cars and Boats

### July 9-13
- **Grades 1-2:** Solar House Design
- **Grades 3-4:** Engineering Design with Cars and Boats
- **Grades 3-4:** Exploring Campus Treasures
- **Grades 5-6:** Eggs-Traordinary Physics
- **Grades 5-6:** Game Design
- **Grades 5-6:** Let’s Become Investigators and Find X Using Algebra!
- **Grades 6-7:** Let’s Become Investigators and Find X Using Algebra!
- **Grades 7-8:** Exploring the Microscopic World

**HIGH VELOCITY**
- **Grades 3-4:** Being Creative with Fractions
- **Grades 3-4:** Rainwater Runoff Challenge - New Camp
- **Grades 3-4:** Squeaky Clean Magnets - New Camp
- **Grades 6-7:** Go Fishing: Engineering Prosthetic Fish Tails
- **Grades 7-8:** Advanced Robotics
- **Grades 7-8:** Exploring the Microscopic World

### July 16-20
- **Grades 1-2:** Shadow Box Theater
- **Grades 3-4:** The World of Bugs
- **Grades 5-6:** Eggs-Traordinary Physics
- **Grades 5-6:** Game Design
- **Grades 6-8:** Becoming a STEM Maker
- **Grades 6-8:** Flight and Space
- **Grades 7-8:** Ocean Exploration

**HIGH VELOCITY**
- **Grades 1-2:** Beginning Robotics
- **Grades 1-2:** Exploration in the World of Art - New Camp
- **Grades 3-4:** The Great Toy Design Challenge
- **Grades 5-6:** Being Creative with Fractions
- **Grades 5-6:** Let’s Become Investigators and Find X Using Algebra!

### July 23-27
- **Grades 1-2:** Unleash Your Wild Side
- **Grades 3-4:** The World of Bugs
- **Grades 5-6:** Game Design
- **Grades 6-8:** Anatomy
- **Grades 6-8:** Computer Aided Design for Makers
- **Grades 7-8:** Bodies Health and Technology

**HIGH VELOCITY**
- **Grades 2-4:** Beginning Robotics
- **Grades 3-4:** Exploration in the World of Art - New Camp
- **Grades 5-6:** Let’s Become Investigators and Find X Using Algebra!
- **Grades 6-8:** Exploring the Microscopic World

### July 30 – August 3
- **Grades 1-2:** STEM Make-It Take-It
- **Grades 1-2:** The World of Bugs
- **Grades 6-8:** Competitive Robotics
- **Grades 6-8:** Making with Multimedia
- **Grades 6-8:** Rube Goldberg Apparatus

**HIGH VELOCITY**
- **Grades 2-4:** Beginning Robotics
- **Grades 3-4:** Squeaky Clean Magnets - New Camp
- **Grades 5-6:** Let’s Become Investigators and Find X Using Algebra!
Camp Descriptions

June 18-22

Unleash Your Wild Side, Grades 1-2
Investigate the diversity of the planet as globe-trotting artists! From the arctic to the high desert, revel in the complexities of different ecosystems through creative, hands-on art projects that inspect the science of the most intricate environments of the globe. Leave no rock unturned as students report back on the unique aspects of the places and creatures they encounter that day. Campers will cultivate art and language skills, promote global awareness and spark a love for STEAM as they work alongside the flora, fauna, wild beasts and incredible cultures of the Earth!

Science of the Human Body, Grades 3-4
Take a closer look at the microscopic mechanisms that make humans tick! Each unit of this awesome 5-day camp examines the complexities of human anatomy and physiology with engaging, fast paced activities. Through learning-by-doing experiences, students begin to unravel the mysteries of the human body by running for a minute to measure heart rate, approximate energy expenditure and discover the importance of refueling with proper nutrition. Maintaining health and fitness is a lifelong endeavor, and Science of the Human Body is the perfect introduction to an eternity of healthy happiness!

Intermediate Robotics, Grades 4-5
Campers will design, build and program their own LEGO MINDSTORM NXT robot. The camp will focus on the elements of design and testing participant’s ideas and redesigning their robots until it meets the highest standards. We will also focus on presentation skills as campers show off their robots and demonstrate it to all the parents on the last day of camp.

Becoming a STEM Maker, Grades 6-8
Makers are those imaginative individuals who are willing to go out on a limb and create. This course will teach campers how to design and bring their own projects to life with the help of some handy STEM topics and 3D printers. Campers will use and learn concepts revolving around design thinking and engineering. Projects will vary from highflying water rockets to sleek new 3D printed phone cases and anything else in between. Campers are encouraged to bring their own ideas and interests into this camp.

Engineering Design with Cars and Boats, Grades 6-8
Students will be exploring the engineering design cycle. Students will build Paper Race Cars to explore properties of motion. Students will build Tin Foil Boats to explore the properties of density and buoyancy. Students will also build Toothpick Bridges/Towers to explore the properties of forces.

Biotech, Grades 7-8
This camp will expose students to the diverse fields of biotechnology including biomedical engineering, bio-molecular genetics, bioprocess engineering, and agricultural and environmental engineering. Lessons engage students in engineering design problems that can be accomplished in a high school setting related to biomechanics, cardiovascular engineering, genetic engineering, agricultural biotechnology, tissue engineering, biomedical devices, human interface, bioprocesses, forensics, and bioethics. Although we may not complete labs in all these areas we will briefly touch upon each concept. This course will have a main focus in forensics.

HIGH VELOCITY

Coding Mouse Exploration, Grades 1-2
New
Students explore the basic needs of animals as they design a code for a programmable mouse to demonstrate their knowledge of everything a mouse needs to survive. Following code, writing code, and debugging code will strengthened their problem-solving skills and their ability to collaborate successfully in a group setting.
Beginning Robotics, Grades 3-4
During this week of camp, you will design, build and program your own WeDO 2.0. We will focus on the elements of design, testing your ideas and redesigning your robot until it meets your high standards. We will also have other engineering and design challenges throughout the week. Even if you have no previous skills building or programming robots you will be able to have a robot up and running the very first day.

The Great Toy Design Challenge, New Grades 3-4
Sir Isaac’s Toy Company wants to create a smushy, gooshy children’s toy and needs help in design testing. Campers identify materials based on their properties, evaluate competitor’s products and design a superior product to sell.

Learn to Code with Minecraft, Grades 6-8
There’s a new animal in town: TURTLES! Yes, turtles. In this Minecraft mod (ComputerCraftEdu) there exist powerful, but clueless, turtle robots. Students will learn the fundamentals of programming through a tile-based interface. It’s a fun and new twist on Minecraft and computer programming.

Exploring the Microscopic World, Grades 7-8
During this amazing camp, students will take a whirlwind tour of the vast and incredible microscopic world. Campers will begin by working together to design their own simple version of a microscope. After creating and showing off their designs, students will learn about different kinds of microscopes and will learn how to use a microscope themselves to navigate and explore the tiny unseen world around us. Through hands-on activities, students will explore the diversity of microscopic organisms such as fungi, bacteria, and protozoans and will also learn about the vast impacts of microorganisms on our society, our bodies, and a few of the world’s many ecosystems.

June 25-29

Seed Rescue, Grades 1-2
In this camp students, will explore ways to pollinate plants in a greenhouse by creating a model plant pollinator. This camp is a hands-on camp which is designed for group activities. Activities will be fun, challenging and allow students to work in a team environment.

Science of the Human Body, Grades 3-4
Take a closer look at the microscopic mechanisms that make humans tick! Each unit of this awesome 12-day camp examines the complexities of human anatomy and physiology with engaging, fast paced activities. Through learning-by-doing experiences, students begin to unravel the mysteries of the human body by running for a minute to measure heart rate, approximate energy expenditure and discover the importance of refueling with proper nutrition. Maintaining health and fitness is a lifelong endeavor, and Science of the Human Body is the perfect introduction to an eternity of healthy happiness!

Rube Goldberg, Grades 6-7
A Rube Goldberg machine is a simple machine that accomplishes a simple task in as complicated a way as possible. Campers utilize their knowledge of simple machines and basic physics to demonstrate creativity and complexity while entertaining everyone observing it in action. If campers have ever played the game “Mouse Trap,” they have used a Rube Goldberg apparatus.

Competitive Robotics, Grades 6-7
In Competitive Robotics, you will put your creative engineering skills to the test as you work to complete building, navigation and programming missions with your Lego EV3 robots. In addition to the many individual challenges, campers may choose to compete with each other to build the fastest and strongest robots in the daily head-to-head competitions. If you already know the basics to designing, building and programming, then this camp will be a great place to work with other young robotic engineers in a fun, friendly and competitive atmosphere.
Camp Descriptions

Ocean Exploration, Grades 7-8
In this incredible camp, students journey from the tropics to the poles, inspect arctic food webs, simulate coral reef adaptations and survey everything from the great river deltas to the Mariana Trench. They collaborate to bring the California sea otter back from the brink of extinction and track great white sharks across the open ocean, learning and answering important sea-dwelling questions about the variety of the oceans and the differences in ecosystems. Through action-packed activities, learners discover the physical and geological sciences that underpin all ocean life like density, buoyancy, heat transfer, plate tectonics and the water cycle. In Oceanic Exploration Camp, STEM education is your oyster!

Go Fishing: Engineering Prosthetic Fish Tails, Grades 6-7
Students will learn what is engineering and technology, and eventually create their own model prosthetics for a variety of animals who need them. This class is great for any student who loves animals, creating things and using everyday materials in an innovative way!

Computer Aided Design for Makers, Grades 7-8
Campers will learn how to create beautiful and accurate 3d models using Autodesk’s professional Fusion 360 product design software. The skills learned from this class will serve campers particularly well if they envision their future possibly involving game creation, engineering, architecture, or industrial design. The projects will be fun and challenging and include activities such as 3d printed water rocket nozzles, movie props, and collaborative projects like a totem pole challenges and anything else in between. Kids are encouraged to bring their own ideas and interests into this course!

HIGH VELOCITY

Earthquake Technology, Grades 3-4 New
Build Safe is planning a new apartment building, but a recent earthquake has potential residents worried about safety. Campers will learn about earthquakes and earthquake resistant technologies and they will compare models to improve designs for a new building.

Exploring Campus Treasures, Grades 3-4 New
In this incredible camp, students journey through out the UC Davis campus and explore its wonderful museums and lavish gardens. Campers will have the opportunity to visit the Bohart Museum of Entomolgoy, explore the Arboretum as well as the Botanical Conservatory. In addition, campers will visit one of the most significant modern collections of birds, mammals, and fish in California the Museum of Wildlife and Fish Biology. And last but not least one of the most
popular centers on the UC Davis campus, the California Raptor Center. This program looks to introduce people of all ages to raptors and their habitats. Campers will visit each location followed by a group activities.

**Eggs-traordinary Physics, Grades 5-6**

Which came first, the chicken or egg-citing physics challenges? In this fast moving camp, students turn the study of motion and mass into hands-on projects and team building challenges! They’ll spin, toss, race and design while studying the ideas of motion, such as velocity, speed and the major role gravity plays. These egg-cellent activities are not only engaging, but they provide valuable reinforcement of the physics concepts students often struggle with. Each day, learners meet the challenges of Eggs-traordinary Physics Camp head-on with teamwork, application-based learning, active demonstrations and a whole lot of egg-streme fun!

**Yeast Powered Cars, Grades 5-6**

How do you build and power a car using only yeast, sugar and water? Students in this camp will not only learn how but be able to harness the power of pressurized carbon dioxide. Students will transfer and develop mechanical advantage through linkages, gears and other mechanisms. They will also learn the scientific method and how to set up a data table; they will utilize scientific evidence to power their cars effectively and efficiently. The camp will culminate with a final race to see which car traveled the furthest. Please note, only the first day of camp is mostly lecture.

**Making with Multimedia, Grades 6-8**

In this course, campers will explore how to create vector art, a common industry media format, and how it can be used. Common projects include, but are not limited to, video game design, silk screens, 3d printing, and silk screens. Campers are encouraged to bring in their own ideas!

**Bodies Health and Technology, Grades 7-8**

The amount of information and data available to the average person about their body and personal health has exploded over the last decade. Wearable devices, apps, games, and other technologies can even make discovering and exploring this information a fun experience! Pre-teens and youth can use these data, technologies, and applications to make healthy decisions or to answer questions about their own health. In this camp, participants will get to try out a wide variety of health devices, wearable technologies, games, and apps, and we will take some campus-based field trips to research centers developing new ones. Participants will also create and present designs for their own health-related technologies of the future!

This is an ideal camp for youth interested in keeping fit and healthy, health careers, and technology design.

**HIGH VELOCITY**

**Being Creative with Fractions – Fraction Fundamentals, Grades 3-4**

We will explore the meaning of fractions using a range of situations and objects. In the first half of each session kids will get a chance to work with each other to think about the size of various fractions and understand the meaning of the numerators and denominators. This work will be under the guidance of experienced classroom teachers. Our goal will be for kids to recognize that the same quantity (two-thirds) can have different names (4/6, 6/9, 20/30 or 1/1.5). In the second half of the session fraction ideas will be applied to various art activities under the guidance of a camp counselor.

**Rainwater Runoff Challenge, Grades 3-4**

The city of lakeside needs to learn how pollution moves and how to keep it from flowing into the lake. Campers will design, build and test a model F subsoil for a rain garden.
Squeaky Clean Magnets, Grades 3-4 New
TPete, the owner of Pete’s Pet Shop, is looking for a way to quickly clean fish tanks without disturbing the fish. Students explore the power of magnets, and they combine their best ideas as a team to make, test and redesign a prototype solution for Pete.

Go Fishing: Engineering Prosthetic Fish Tails Robotics, Grades 6-7
Students will learn what is engineering and technology, and eventually create their own model prosthetics for a variety of animals who need them. This class is great for any student who loves animals, creating things and using everyday materials in an innovative way!

Advanced Robotics, Grades 7-8
In Competitive Robotics you will put your create engineering skills to the test as you work to complete, navigation and programming missions with Lego EV3 robots. In addition to the many individual challenges, campers may choose to compete with each other to build the fastest and strongest robot.

Exploring the Microscopic World, Grades 7-8
During this amazing camp, students will take a whirlwind tour of the vast and incredible microscopic world. Campers will begin by working together to design their own simple version of a microscope. After creating and showing off their designs, students will learn about different kinds of microscopes and will learn how to use a microscope themselves to navigate and explore the tiny unseen world around us. Through hands-on activities, students will explore the diversity of microscopic organisms such as fungi, bacteria, and protozoans and will also learn about the vast impacts of microorganisms on our society, our bodies, and a few of the world’s many ecosystems.

The World of Bugs, Grades 3-4
This is an active camp that will combine outdoor exploration, recreation and hands-on activities for our young campers. Throughout the week campers will discover how amazing and valuable bugs truly are. They will collect insects, perform experiments and activities with the insects and more. Collecting trips are interspersed with a series of fun projects and activities. This is the perfect camp for bug lovers and enthusiasts!

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Game Design, Grades 5-6
In this course, students will learn basic video game coding concepts by making different types of games, including racing, platform, launching, quest, and many more. By the end of the course, students will have learned the language of block coding and how to use it to create anything they can imagine.

Becoming a STEM Maker, Grades 6-8
Makers are those imaginative individuals who are willing to go out on a limb and create. This course will teach campers how to design and bring their own projects to life with the help of some handy STEM topics and 3D printers. Campers will use and learn concepts revolving around design thinking and engineering. Projects will vary from highflying water rockets to sleek new 3D printed phone cases and anything else in between. Campers are encouraged to bring their own ideas and interests into this camp.

July 16-20

Shadow Box Theater, Grades 1-2
In this camp students will explore light and shadows by planning, resting, and redesigning scenery for a shadow box theater. Students will engage in hands-on activities that will challenge them and allow for creativity.
Flight and Space, Grades 6-8
The exciting world of aerospace comes alive through Flight and Space. Campers explore the science behind aeronautics and use their knowledge to design, build and test a pneumatic rocket. Students will also participate in creating an online infomercial. They will use their knowledge and internet research to develop an aeronautic product that can be marketed and sold to any country. Students will present in groups of 3-4 using video media and online presentation tools.

Oceanic Exploration, Grades 7-8
In this incredible camp, students journey from the tropics to the poles, inspect arctic food webs, simulate coral reef adaptations and survey everything from the great river deltas to the Mariana Trench. They collaborate to bring the California sea otter back from the brink of extinction and track great white sharks across the open ocean, learning and answering important sea-dwelling questions about the variety of the oceans and the differences in ecosystems. Through action-packed activities, learners discover the physical and geological sciences that underpin all ocean life like density, buoyancy, heat transfer, plate tectonics and the water cycle. In Oceanic Exploration Camp, STEM education is your oyster!

HIGH VELOCITY

Beginning Robotics, Grades 1-2
During this week of camp, you will design, build and program your own WeDO 2.0. We will focus on the elements of design, testing your ideas and redesigning your robot until it meets your high standards. We will also have other engineering and design challenges throughout the week. Even if you have no previous skills building or programming robots you will be able to have a robot up and running the very first day.

Exploration in the World of Art, Grades 1-2 New
In this camp students will create artwork and crafts using different materials, colors, textures, and patterns that showcase creative art forms from different artists and themselves.

The Great Toy Design Challenge, Grades 3-4 New
Sir Isaac’s Toy Company wants to create a smushy, gooshy children’s toy and needs help in design testing. Campers identify materials based on their properties, evaluate competitor’s products and design a superior product to sell.

Being Creative with Fractions – Fraction Operations, Grades 5-6
We will add, subtract, multiply and divide fractions using a variety of tools. In the first half of each session kids will get a chance to work with each other to solve problems under the guidance of experienced teachers. Our goal will be for kids to understand and be able to explain what they are doing. In the second half of the session fraction ideas will be applied to various art activities under the guidance of a camp counselor.

Let’s Become Investigators and Find X Using Algebra!, Grades 5-6
Through this algebra camp, students will discover fun ways of completing problems with algebra. Students will solve real life problems related to past experiences or future experiences they may have in future careers. Students will work with graphing, linear equations, fractions, decimals and factors. Students will also have the opportunity to work in groups of 3 or 4 students to help each other solve problems by working together. Through this camp, students will be able to learn algebra in exciting and fun ways that can help them in their future math classes.

July 23-27

Unleash Your Wild Side, Grades 1-2
Investigate the diversity of the planet as globe-trotting artists! From the arctic to the high desert, revel in the complexities of different ecosystems through creative, hands-on art projects that inspect the science of the most intricate environments of the globe. Leave no rock unturned as students report back on the unique aspects of the places and creatures they encounter that day. They’ll cultivate art and language skills, promote global awareness and spark a love for STEAM as they work alongside the flora, fauna, wild beasts and incredible cultures of the Earth!

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Camp Descriptions

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**Anatomy, Grades 6-8**
Description – Anatomy Camp! How many bones does an adult human have? Where are they and what are, they called? Why is the heart a four-chambered system? Why do veins have valves and arteries don’t? Where is the liver? All these answers and more in this camp. Although this camp will focus mainly on anatomy it is only natural that we discuss at times how the structure of an organ or body part is related to its function. Dissections will be included in this lab and thus this camp is only for grades 6-8.

**Computer Aided Design for Makers, Grades 6-8**
Campers will learn how to create beautiful and accurate 3d models using Autodesk’s professional Fusion 360 product design software. The skills learned from this class will serve campers particularly well if they envision their future possibly involving game creation, engineering, architecture, or industrial design. The projects will be fun and challenging and include activities such as 3d printed water rocket nozzles, movie props, and collaborative projects like a totem pole challenges and anything else in between. Kids are encouraged to bring their own ideas and interests into this course!

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**HIGH VELOCITY**
**Beginning Robotics, Grades 1-2**
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**Exploring the Microscopic World, Grades 7-8**
During this amazing camp, students will take a whirlwind tour of the vast and incredible microscopic world. Campers will begin by working together to design their own simple version of a microscope. After creating and showing off their designs, students will learn about different kinds of microscopes and will learn
how to use a microscope themselves to navigate and explore the tiny unseen world around us. Through hands-on activities, students will explore the diversity of microscopic organisms such as fungi, bacteria, and protozoans and will also learn about the vast impacts of microorganisms on our society, our bodies, and a few of the world’s many ecosystems.

**July 30 – August 3**

**STEM Make-It Take-It, Grades 1-2**
Campers will be participating in STEM design challenges, and will be able to take each project home daily. They will be designing and creating balloon cars, air blasters, spinning toys, and more!

**The World of Bugs, Grades 1-2**
This is an active camp that will combine outdoor exploration, recreation and hands-on activities for our young campers. Throughout the week campers will discover how amazing and valuable bugs truly are. They will collect insects, perform experiments and activities with the insects and more. Collecting trips are interspersed with a series of fun projects and activities. This is the perfect camp for bug lovers and enthusiasts!

**Competitive Robotics, Grades 6-8**
In Competitive Robotics you will put your creative engineering skills to the test as you work to complete building, navigation and programming missions with your Lego EV3 robots. In addition to the many individual challenges, campers may choose to compete with each other to build the fastest and strongest robots in the daily head-to-head competitions. If you already know the basics to designing, building and programming, then this camp will be a great place to work with other young robotic engineers in a fun, friendly and competitive atmosphere.

**Making with Multimedia, Grades 6-8**
In this course, campers will explore how to create vector art, a common industry media format, and how it can be used. Common projects include, but are not limited to, video game design, silk screens, 3d printing, and silk screens. Campers are encouraged to bring in their own ideas!

**Rube Goldberg Apparatus, Grades 6-8**
A Rube Goldberg machine is a simple machine that accomplishes a simple task in as complicated a way as possible. Campers utilize their knowledge of simple machines and basic physics to demonstrate creativity and complexity while entertaining everyone observing it in action. If campers have ever played the game “Mouse Trap,” they have used a Rube Goldberg apparatus.

**HIGH VELOCITY**

**Beginning Robotics, Grades 2-4**
During this week of camp, you will design, build and program your own WeDO 2.0. We will focus on the elements of design, testing your ideas and redesigning your robot until it meets your high standards. We will also have other engineering and design challenges throughout the week. Even if you have no previous skills building or programming robots you will be able to have a robot up and running the very first day.

**Squeaky Clean Magnets, Grades 3-4**
New
Pete, the owner of Pete’s Pet Shop, is looking for a way to quickly clean fish tanks without disturbing the fish. Students explore the power of magnets, and they combine their best ideas as a team to make, test and redesign a prototype solution for Pete.

**Let’s Become Investigators and Find X Using Algebra!, Grades 5-6**
Through this algebra camp, students will discover fun ways of completing problems with algebra. Students will solve real life problems related to past experiences or future experiences they may have in future careers. Students will work with graphing, linear equations, fractions, decimals and factors. Students will also have the opportunity to work in groups of 3 or 4 students to help each other solve problems by working together. Through this camp, students will be able to learn algebra in exciting and fun ways that can help them in their future math classes.
Our Amazing Camp Instructors

We are pleased to share that all of our instructors are credentialed teachers with extensive experience in their respective STEM subject area. Each camp of 25 campers will also have a counselor. Our dynamic and caring counselors are all UC Davis students. Our staff works hard to make sure everyone has a very fun and educational experience!

Additional Services

In order to accommodate everyone’s busy schedule, we will offer extended care both before and after the regular camp day. Here’s what we offer:

- 7:30 – 8:30 a.m. – Extended Care, $25 per week
- 2:00 – 6:00 p.m. – Extended Care, $75 per week
- 2:30 – 5:30 p.m. – High Velocity Camps, $195 per week
  (early-bird discounts apply)

For campers enrolled in High Velocity camps, they will be supervised from 2-2:30 p.m. and again from 5:30-6 p.m. There is no extra cost for this additional time.

Register early and save!