

**Come *ENERGIZE* your summer with us!**  
**SUMMER CAMP 2016**



**Location:** Pleasant View Elementary, 15920 W 10<sup>th</sup> Avenue, Golden 80401 (June 6<sup>th</sup>-August 1, 2016). Registration now open

**Times:** 8:30am-5:30pm (Full Day Camps); 8:30-1pm or 1:00-5:30pm (1/2 day camps)

**Prices:** \$275 Full Day or \$137.50 Half Day Camps (AM or PM)

**Ages:** 5 – 12 year olds (Kindergarten – 6<sup>th</sup> Grade)

**Dates:** See Master Schedule

**Register:** [www.sciencematters.tv](http://www.sciencematters.tv) or call 303-805-9287

**Early Registration:** Open to NREL/DOE, and Free Horizon families only until 4/15/2016, then registration will open to general public. Please register using your work email.

**WEEK of 6/6**

**Amusement Park Science (Science Matters) FULL DAY**



Ever want to design your own amusement park? In the morning, master circuits & motors as you create the rides of your dreams. Harness the forces of gravity to construct a roller coaster. Create your own Tower of Doom. In the afternoon, create your own Midway games. Experiment and see how things can flash, fizz, stick and glow while building your own fun physics carnival with mini rides and games. Investigate solar sunglass science and make your own refreshments. The fun never ends when you take this carnival home and challenge your friends.

**WEEK of 6/13**

**Global Cooking Camp (Sticky Fingers) AM CAMP**

**Take a trip around the world with our Global Cooking camp!** When's the last time you were hands deep in delicious ethnic cuisine from the four corners of the Earth? Young chefs have a blast every day discovering how easy and awesomely fun it is to cook (and gobble- up!) tasty, healthy American, Thai, Italian, Cuban and many other globally-inspired Sticky Fingers Cooking recipes—and love the very fun Global Cooking 'Cool'inary Crafts throughout the week!! Explore customs, songs, geography and languages from around the world!

**Global Cooking Recipe Teaser: Pad See Ew, Ratatouille, Cuban Flatbread**

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**Play On!**

**WEEK of 6/13 - Continued**

**Engineering with LEGO – (Computer Explorers) PM CAMP**

This exciting hands-on engineering class combines LEGO® Education & LEGO® Technic™ materials to explore motorized simple machines by building realistic models. Student teams creatively solve challenges using concepts learned in class.

M-F 1:00-5:30 pm

**WEEK of 6/20**

**Junkyard Robots (Science Matters) FULL DAY CAMP**



We will use the power of science to build a Bristle Bot that's up to our Battle Arena and Race Course. Meet the electro-powered Robo Bug. Explore alternative energy and save the Earth with our Green Energy Station. After lunch create your own Ride! Explore Newton's Laws and wire up your Wacky Wild Wheels. Get zapped with our Shockingly Fun Nerve Tester. We will build NASA's original robot hand. Just for fun, campers will enter the Potions Academy and mix up some gooey science with erupting foam monsters, crystal rainbows and more. AND at the end of camp your projects including the robots go home with you to continue the experimentation and fun.

**WEEK of 6/27**

**Outdoor Discovery Cooking Camp: Exploring the natural wonders of Rocky Mountain Recipes and Remedies (Sticky Fingers) AM CAMP**

In the Sticky Fingers Cooking Outdoor Discovery Cooking Camp we will be creating our very own medicine bags filled with all natural recipes, medicines and delicious creations made from Rocky Mountain plants and herbs! We will use locally found ingredients to create and take home natural remedies like chapstick, Neosporin, and bug spray! We will also be using locally available ingredients to create delicious healthy recipes that will delight our senses and taste buds! **What amazing creations can we make from our beautiful Colorado landscape?**

**Outdoor Discovery Recipe Teaser:** Lemony Zucchini Muffins, Cool Corn Arepas + Watermelon Mint Refresca

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Play On!

**WEEK of 6/27** - Continued



**Adventures in Space! Cartoon Workshop**  
Young Rembrandts  
PM CAMP

Join Young Rembrandts as we travel to the farthest reaches of the galaxy in our *Cartoon Adventures in Space* workshop. Futuristic scenes of other worldly adventures highlight the spectacular drawings our students will produce. We will join our own colorful cast of cartoon characters, like Sketch the mouse, Shade the cat and Dave the elephant. Not only will our students learn how to illustrate science fiction-inspired characters and moments, but they will also strengthen their drawing and coloring skills. From astronauts in jetpacks to out-of-this-world alien lifeforms, our students will learn how to compose well-drawn cartoon figures in dynamic poses. Get ready for five days of exciting, intergalactic imagery!

**WEEK of 7/11**



**Ocean Life Pastel Workshop**  
Young Rembrandts  
AM CAMP

Five, fun-filled days await our students as we explore ocean life as they learn to draw and color with pastels. We will create detailed, pastel compositions on each day, focusing on a different ocean-themed subject. We will draw eye-catching sea stars along the shoreline and a pair of vibrant clown fish. We will illustrate a sea turtle with bold patterns, a blue crab and a wondrous scene of jellyfish. Our instruction will bring remarkable results, and you will want to head to the frame shop with your child's finished pastel pieces. These pastel drawings will reward students with a great sense of pride and accomplishment. Enroll today!

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Play On!

## WEEK of 7/11 – Continued

Let's make a Video Game (ages 5-8): Computer Explorers PM CAMP

Students will begin learning basic coding skills divided into two monkey-themed skill sets: Chimp and Gibbon. Students will begin with basic movement commands then progress to actions such as "when clicked" and sounds. More advanced skills such as "collision detection" and "If/Else" action commands will also be covered. Students will be asked to create coding scenes at the end of each session that covers skills learned in that particular session as well as previous sessions. The final project will be a game created and presented to friends and family via a sharable link.

- and -

Video Game Animation (ages 8-13): Computer Explorers PM CAMP

Dive into the world of video game animation by creating characters that dance, sing and interact with one another. Add sound effects and music to create a dynamic video animation game using Scratch, the innovative programming language created just for kids by the MIT Media Lab. You can post your game online so that your friends, your parents and even your grandparents can play your video game! Creativity rules in this fun version of video game design!

*Campers will be split into age appropriate groups (Video Game/Animation)*

## WEEK of 7/18

### **Play On! Performing Arts Camp FULL DAY**

In this engaging camp led by professional teaching artists, students will experience a range of the performing arts.

The week will include improvisation, musical theatre, playwriting, acting, directing and even some stage combat! Students will get to choose characters they work on and give their voice to creating dialogue, scenes, and even thinking about props, costumes and backdrops. Your budding artist will have a ton of fun and be encouraged to learn new skills and collaborate with their peers. The group will share favorite activities on Friday, July 22 at the end of camp.

## WEEK of 7/25

### **Sticky Fingers Cooking: Yoga + Cooking AM Camp**

**Yoga and cooking go together like peas and carrots!** Our three hour camps combine cooking, crafts, and kids yoga for a mouthwatering, flexible, and fun experience. Your chefs and yogis will cook up healthy recipes, get to explore their creativity with fun craft projects, and participate in a fun and engaging yoga class! Zen it up with a calming yoga routine followed by delicious recipes!

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## Yoga + Cooking Recipe Teaser: Colorado Cantaloupe Cupcakes, Lemony Zucchini Poppy Seed Muffins, Cauliflower Mac n' Cheese

### WEEK of 7/25 - continued

#### Robotics—(Computer Explorers) PM CAMP

Get ready to take control! Using Spybots, WeDo, and/or Mindstorm kits from LEGO®, build robots, program them to accomplish tasks, respond to external stimuli, and overcome challenges such as navigation, avoiding and/or climbing over obstacles and moving objects. Control the robot with the LEGO programming languages. Get your brains in gear and your robots moving in this course!

### WEEK of 8/1

#### Amusement Park Science (Science Matters) AM CAMP



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#### Household Pets Workshop Young Rembrandts PM CAMP

Young Rembrandts now offers a five-day Summer Art class! Our students will be elated as we celebrate our cuddly friends in the new *Household Pets* workshop. We'll get our feet wet on the first day of class as we draw a stylized aquarium graphic. The second day of class will be a colorful one as we learn to draw a detailed birdcage. The following day, we will explore the playful side of our animal friends in amusing cartoon images. The fourth day of class will see more realistic renderings of various household pets. And on the last day of class, we will create a wonderful pet-inspired, pastel illustration. Enroll today!

Register for weekly camps by visiting [www.sciencematters.tv](http://www.sciencematters.tv) or call 303-805-9287

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**NREL/DOE *ENERGIZE* your Summer! Summer Camp 2016**  
**NREL Master Schedule at Pleasant View**

CAMP WEEK Location	Week of 6/6 Pleasant View Elem	Week of 6/13 Pleasant View Elem	Week of 6/20 Pleasant View Elem	Week of 6/27 Pleasant View Elem	Week of 7/11 Pleasant View Elem	Week of 7/18 Pleasant View Elem	Week of 7/25 Pleasant View Elem	Week of 8/1 Pleasant View Elem
AM 8:30am-1pm	Science Matters <b>Full Day only</b> Theme: Amusement Park Science	Sticky Fingers AM Theme: Global Cooking Camp	Science Matters <b>Full Day only</b> Theme: Junkyard Robots	Sticky Fingers AM Theme: Outdoor Discovery Cooking Camp	Young Rembrandts AM Theme: Ocean Life Pastel Workshop	Play On! <b>Full Day only</b> Theme: Performing Arts Smorgasbord	Sticky Fingers AM Theme: Yoga + Cooking Camp	Science Matters AM Theme: Amusement Park Science
PM 1pm-5:30pm		Computer Explorers PM Theme: Engineering with LEGO		Young Rembrandts PM Theme: Adventures in Space! Cartoon Workshop	Computer Explorers PM Theme: Video Game Design		Computer Explorers PM Theme: Robotics	Young Rembrandts PM Theme: Household Pets Workshop

**Time: 8:30am -5:30pm (AM 8:30-1pm; PM 1-5:30pm)**

**30minumum/45 maximum students**

***No camp offered the week of July 4-8, 2016***