ACE IPSF
AFTERSCHOOL CLASSROOM ENRICHMENT

IPSF
IRVINE PUBLIC SCHOOLS FOUNDATION

ENRICHMENTDAY

Monday, February 11, 2019
Open to Grades 2 - 8

Monday, February 11, 2019 is an IUSD Staff Development Day
SCHOOL WILL NOT BE IN SESSION!
Let your student spend the day exploring exciting, new topics or learning a new skill!
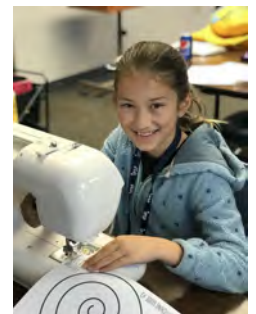
What is Enrichment Day?

Sponsored by Irvine Public Schools Foundation (IPSF), Enrichment Day is a full day of enrichment classes for IUSD students. This event will provide students with a variety of engaging and fun subjects that may not be offered in their regular classroom. Any proceeds from Enrichment Day will go to support the IPSF Innovative Grants Program for IUSD teachers and counselors.

Cost: $90 for the day, 8:30 a.m. - 4:00 p.m.

Location: IUSD Creekside H.S. 3387 Barranca Pkwy., Irvine, 92606

Registration: Monday, January 14 - Monday, February 4

CLASSES FILL QUICKLY SO REGISTER EARLY!

REGISTRATION INFORMATION

Registration is available online only at www.ipsfacademy.org/ee
- You must enroll in a full day of grade appropriate classes.
- All payments are final. No refunds.
- For detailed registration information, please see the last page of the brochure.

Questions? Contact us at ipsfacademy@ipsf.net or call 949.812.7225

CLASS OFFERINGS

Please refer to the following pages for class descriptions.

GRADES 2 - 3
You must enroll in a full day of grade appropriate classes.

Period 1 8:30 a.m. - 10:10 a.m.	Period 2 10:20 a.m. - 12:00 p.m.	Lunch	Period 3 12:30 p.m. - 2:10 p.m.	Period 4 2:20 p.m. - 4:00 p.m.
• Junior Magicians	• Engineering w/ LEGO		• Junior Magicians	• Chess Tournament
• Cartooning	• Chain Reaction		• Mars STEM Lab	• Robotics of the Future!
• Narrative Writing	• Chess		• Descriptive Writing	• Valentine Card Making
• Young Einsteins Super Scientists	• Young Einsteins Super Scientists		• Culinary Creations Valentine's Treats	• Inventor's Workshop
• Fashion Design & Sewing Camp 8:30 a.m. - Noon			• Young Einsteins: Tech Academy 12:30 - 4:00 p.m.	

GRADES 4 - 8
You must enroll in a full day of grade appropriate classes.

Period 1 8:30 a.m. - 10:10 a.m.	Period 2 10:20 a.m. - 12:00 p.m.	Lunch	Period 3 12:30 p.m. - 2:10 p.m.	Period 4 2:20 p.m. - 4:00 p.m.
• STEAM Studio Rocketry	• STEAM Studio Circuitry		• Chess	• Chess Tournament
• Cartooning	• Cash Crunch		• Mandala Drawing	• Sew Easy Happy Aliens
• Intro to Hip Hop	• Narrative Writing		• Valentine Card Making	• Descriptive Writing
• Culinary Creations Valentine's Treats	• Culinary Creations Valentine's Treats		• Engineering & Robotics Vex BotSports	• Enginnering & Robotics Vex BotSports
• Code Academy: App Inventor 8:30 a.m. - Noon			• GameMaker: 3D Game Dev 12:30 - 4:00 p.m.	

The day's classes start at 8:30 a.m. and end at 4:00 p.m. Students need to bring a sack lunch or pre-purchase a lunch for an additional $6.00. Please bring a water bottle and a snack.
No bus transportation will be available.

LUNCH OPTION

Individual lunches from Cater Tots Too provided for an ADDITIONAL $6.00
Meal includes an entrée, two sides, and a small water bottle. Entrée choices are:

• Spaghetti w/ Meat Sauce

• Macaroni and Cheese (vegetarian)

• Turkey Sub Sandwich

Lunch is non-refundable and must be pre-purchased during registration. We are unable to make any special accommodations. Meals are made in a nut-conscious facility and contain no high fructose corn syrup, no artificial colors, no trans fat, no MSG, and use only hormone-free milk. While all lunches are prepared in a peanut-free environment, Cater Tots Too cannot guarantee food is entirely peanut-free.

CLASS DESCRIPTIONS - GRADES 2 - 3

CARTOONING (2nd - 3rd)

This class teaches young artists how to combine shapes to create their own characters. Students will learn to create a group of contrasting characters, develop a range of expressions and stage a scene for rich visual storytelling.

CHAIN REACTION (2nd - 3rd)

In this creative maker class, students are introduced to the six simple machines: pulley, lever, axle, wedge, screw, and inclined plane. They will collaborate in making chain reaction devices out of a treasure trove of recycled materials.

CHESS (2nd - 3rd)

Chess is referred to as the "Game of Kings" but is actually for everyone of all ages to be enjoyed for a lifetime. We make Chess fun by using story based, exciting lessons that cater to all levels of chess players. Chess increases IQ and teaches children to think deeply, gain confidence, solve problems, develop patience, compete well, visualize results, strategize, and plan. All levels welcome!

CHESS TOURNAMENT (Combined 2nd - 8th)

The Chess Tournament will be run in an exciting round robin style where kids can not be elimintated and will play until the end! We will help them out as they finish their games with hints and suggestions so they will learn new skills at the same time. Trophies will be given to the top four along with one sportsmanship medal and a chess prize for every child who plays! It will be a fun and exciting chance to show off chess skills and learn at the same time!

CULINARY CREATIONS: VALENTINE'S TREATS (2nd - 3rd)

What says "I love you" more than something homemade! In this class we will make chocolate sprinkle kiss cookies and butter cookies to fill a box to bring home to the family you love. Receipes and all ingredients included.

CLASS DESCRIPTIONS - GRADES 2 - 3

DESCRIPTIVE WRITING (2nd - 3rd)

Come join us for an adventure in writing and meet an 8th Grade published author from the Irvine Unified School District! Descriptive Writing has a unique power and appeal for everyone. It brings to life the sights, sounds, smells, textures, and tastes of a memorable experience and makes a reader feel like they are there in that special moment. Learn how to paint a picture with words and learn the tricks of a descriptive writer.

ENGINEERING w/ LEGO®: MEGA MOTOR MADNESS (2nd - 3rd)

This Strategic Kids LEGO® class will get students' motor running! Through this class students will build models designed to introduce them to core concepts essential to science, technology, engineering, and math. Children will also utilize LEGO® Power Functions to illustrate fundamental principles of simple machines and mechanisms.

FASHION DESIGN & SEWING (2nd - 3rd) HALF-DAY CLASS

Learn to sew Fashion Camp! We'll start off with a hand sewing lesson, then apply what's been learned to a small part of the project. Students will then cut patterns for the pizza pouch, learning to use a pattern, trace and cut. We'll then have a small lesson on the sewing machines, before we pin and begin sewing. Students will leave the session with a completed project to take home.
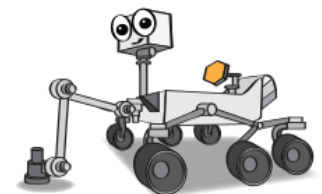
JUNIOR MAGICIANS (2nd - 3rd)

Abracadabra! This fantastic class uses magic as a way to teach children public speaking skills, coordination, and confidence! Students will learn new tricks and get to practice doing them with a magician's finesse in front of the class. This Strategic Kids curriculum was written by a professional magician and is sure to be magical fun.

MARS STEM LAB (2nd - 3rd)

Join the STEM Team as we launch into space and head to the Red Planet. This journey will take us all over our solar system and even into the beautiful depths of Outer Space! Get ready to build an all new Mars Robotic Rover and customize it with unique, high-tech tools that will help it complete it's red planet research. This Futuristic Rover is equipped with the ability to reuse the Sun's vast amounts of energy with real solar panels, along with high tech batteries to keep it going even during the dim nights on Mars!

NARRATIVE WRITING (2nd - 3rd)

Would you like to become an author? Come join us for a Writer's Workshop on Narrative Writing and meet an 8th Grade published author from the Irvine Unified School District! Learn the key features of good creative writing. Learn about rising action, how to write a climax to your story, and develop a resolution in your conclusion. We will have a list of fun writing prompts or you can come up with a creative story starter on your own.

ROBOTICS OF THE FUTURE (2nd - 3rd)
All our Robotics Engineers will explore the innovative world of Future-Bots and have a blast at the Robo-Battle Zone and Raceway! These robots are Super-human, with sensors that help them travel around objects and identify it's surroundings, making them perfect for a friendly Battle Competition. Don't want to battle your Bot? Not to worry, just step into the Robo-Raceway for a little friendly competition in Velocity! You choose which robot design you prefer and then customize it with your specialized tools.

INVENTOR'S WORKSHOP (2nd - 3rd)
Join Inventor's Workshop and learn to think outside the box as you learn about past inventions and come up with your own ideas! Students will learn how to make paper, explore different types of writing instruments, and invent their own game. Inventions are amazing!

VALENTINE CARD MAKING (2nd - 3rd)
What better way to express yourself than with a handmade Valentine's Day card. We bring a variety of materials to teach students paper bending, pop up, collage, 3D relief and line pattern to create heartfelt messages of love.

YOUNG EINSTEINS: SUPER SCIENTISTS (2nd - 3rd)
Pure science, pure FUN! In this course, our Super Scientists will explore the world of science through fun and educational hands-on experiments and projects. Discover the secret to creating Super Boo Bubbles and then experiment with energy by creating circuits to power a mini lightsaber. A perfect course to keep your curious and creative young scientist engaged and learning through fun hands-on experiences.

YOUNG EINSTEINS: TECH ACADEMY (2nd - 3rd) HALF-DAY CLASS
This class introduces advanced concepts of coding and engineering through playful projects and games. Like any language, coding is best learned while young. In this course, students enter the world of computer science and robotics by learning how to create amazing interactive robots providing an intuitive and visual learning platform for young learners. Exploring coding fundamentals, such as conditional statements and more, students are able to program a robot that can navigate a maze as they learn how to use math and computer coding to think creatively. This class will delight and excite the curious mind of each and every student.

CLASS DESCRIPTIONS - GRADES 4 - 8

CASH CRUNCH! (4th-8th)
Cash Crunch is a physical board game with a focus on the value of money and money habits. Players need to: Track their money, strive to save, and think about their spending. It also encourages conversations about: MONEY, SOCIAL RESPONSIBILITY and FAMILY VALUES. Our philosophy - Save first, Spend later! Taught by those that understand education and money best - SchoolsFirst FCU.

CHESS (4th - 8th)
Chess is referred to as the "Game of Kings" but is actually for everyone of all ages to be enjoyed for a lifetime. We make Chess fun by using story based, exciting lessons that cater to all levels of chess players. Chess increases IQ and teaches children to think deeply, gain confidence, solve problems, develop patience, compete well, visualize results, strategize, and plan. All levels welcome!

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CODE ACADEMY: APP INVENTOR (4th-8th) HALF-DAY CLASS
In this creative and coding focused class, students will learn to build apps using visual block based coding. Students will then use MIT App Inventor, an application development program originally created by Google and MIT to develop their own custom apps. The program has an intuitive graphical drag and drop interface which allows students to easily create applications for mobile devices. Students will learn to design and develop real, downloadable apps while continuing to learn fundamentals of computer programming and software development. The programming concepts learned transfer to traditional languages such as Python, Java, or C#. Each project introduces new concepts that are both engaging and educational.

CULINARY CREATIONS: VALENTINE'S TREATS (4th - 8th)
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ENGINEERING & ROBOTICS: VEX BOTSPORTS (4th-8th)

This class will explore engineering and inventing using the advanced VEX Robotics system. VEX is a versatile robotics system designed to offer students an engaging introduction to the areas of Science, Technology, Engineering, Art, and Math (STEAM). Students will learn all about the engineering and design process as they imagine, create, and innovate. During the class, our engineers will fabricate complex robotics systems to solve numerous engineering problems before going head-to-head against other awesome bots in exciting and educational engineering competitions. Ready, Set, Robots!

FUNNY PICTURES: CARTOONING (4th-8th)

Taught by Mr. T. (Eric Teitelbaum), co-creator of the Pink Panther comic strip, young artists are introduced to the secrets of cartoon drawing. In this fun, creative class students will draw faces and original characters from the animal kingdom even dinosaurs! Each step-by-step lesson is a fun-filled adventure into the world of cartoons and creativity. This is an amazing opportunity to study with a master artist!

GAMEMAKER: 3D GAME DEVELOPMENT (4th-8th) HALF-DAY CLASS

Create your own 3D game using, Unity, the leading professional 3D Game Design engine. This course will teach game design principles, mechanics, and level design. Learn to develop a game concept prototype. Discover how to add objects, apply physics, and implement behaviors into your game. Then explore your creation in a new dimension by immersing yourself in Virtual Reality using Google Cardboard. Students will learn C#, develop problem solving skills, and gain an excellent general knowledge of game creation fundamentals using the Unity 3D engine.

INTRO TO HIP HOP (4th-8th)

Young learners are introduced to the fundamentals of hip hop - from building stamina, strength and flexibility to body conditioning, rhythm, and stage presence, this class presents a high-energy learning experience for all young dance enthusiasts. And best of all your instructor is Mr. Maddi, a former tour dancer with Michael Jackson!

CLASS DESCRIPTIONS - GRADES 4 - 8

MANDALA DRAWING (4th-8th)
We introduce students to drawing tools and color theory concepts for creating vibrant radial designs. Using compasses and protractors, students divide concentric circles and add color and line patterns for breautiful finished works.

NARRATIVE WRITING (4th - 8th)
Would you like to become an author? Come join us for a Writer's Workshop on Narrative Writing and meet an 8th Grade published author from the Irvine Unified School District! Learn the key features of good creative writing. Learn about rising action, how to write a climax to your story, and develop a resolution in your conclusion. We will have a list of fun writing prompts or you can come up with a creative story starter on your own.

SEW EASY HAPPY ALIENS (4th - 8th)
In this class, students create their own unique stuffed toy. Students cut facials shapes and embellishments to be hand sewn onto alien patterns using blanket and running stitches. We then stuff and close for an adorable handmade keepsake.

STEAM STUDIO: ROCKETRY (4th - 8th)
This course is designed to introduce, excite, and inspire students to the wonders of space! Rocketry is one of our favorite courses and we love to bring interactive lessons to the classroom. Students will learn through hands-on projects about thrust, gravity, friction, and more as they create solid-fuel rockets capable of reaching amazing altitudes! Designing, building, and launching rockets is STEM at it's very best!

STEAM STUDIO: CIRCUITRY (4th - 8th)
Learn the essential elements of electronics by building complex circuits using the popular Arduino board, an open source programmable circuit board that can be integrated into a wide variety of maker projects both simple and complex. This class introduces students to inventing and engineering in a fun and exciting way that is both interactive and creative, providing students with an opportunity to experiment in a collaborative environment where they learn by doing.

VALENTINE CARD MAKING (4th - 8th)
What better way to express yourself than with a handmade Valentine's Day card. We bring a variety of materials to teach students paper bending, pop up, collage, 3D relief, and line pattern to create heartfelt messages of love.

HOW TO REGISTER

1. Go to www.ipsfacademy.org/ee. Please use Chrome or Safari as your browser as Internet Explorer is not supported. Have your VISA, MC, or Discover credit card information ready.
2. If you do not have a user email/password, you will need to create one for yourself. Click "Create An Account". If your student has participated previously in IPSF programs such as ACE or SEA, you will login using the same user email and password.
3. Once you have successfully created a parent profile, you will be directed to login.
4. Click on "Add a Student" to create profiles for each of your students if one does not already exist.

IMPORTANT! For existing students, verify all student information is up to date including school, grade, and transportation.

5. Click on "Register for Classes".
6. Select a Student.
   Select "Programs with Open Enrollment" = Enrichment Events.
   Select "Preferred School" = IPSF.
7. A list of available classes will display.
8. Select the desired class for Period 1 and add the class to your cart.
9. Click "Continue Enrollment" and repeat steps 6 and 7 for Periods 2, 3, and 4. You MUST select a class for each period unless enrolling in an all-day or combined period 1-2 or 3-4 class.
10. Click "Checkout" once classes have been selected for all four periods.
11. Complete the checkout process with credit card (VISA, MC, or Discover) payment. Once checkout is successfully completed, you will receive an email confirming your student's enrollment.
12. You will receive an email with further details prior to Enrichment Day.

PARENT VOLUNTEERS WANTED!

We need your help! Parent helpers are needed to continue to make Enrichment Day a success.
Would you be willing to assist before the day with registration or for part of the actual day with check-in, lunch distribution and supervision, or dismissal?

If you are interested, please email ipsfacademy@ipsf.net for more information.

Proceeds from IPSF Enrichment Day help to support the Innovative Grants Program which funds grants to IUSD teachers and counselors. Grant awards support innovation in schools by awarding funds to enhance curriculum and improve the educational experiences of students.

iPSF IRVINE PUBLIC SCHOOLS FOUNDATION