



ABCEF Enrichment Academy

*Find the Spark
Ignite the Curiosity
For a Healthy and Happy Summer*

2018 Summer Enrichment Class Catalogue

Did you know that children experience summer learning loss if they don't engage in educational activities? The ABC Education Foundation Enrichment Academy provides a range of fun filled and stimulating classes from Visual and Performing Art to Science. All students ranging from incoming 4th to 9th grades (2018-2019 school year) are eligible. Learn from the most dedicated and highly qualified instructors in a safe environment during the summer!

Visit enrichment.abcedfoundation.org for more information and registration

Location: Tetzlaff Accelerated Learning Academy
12351 Del Amo Blvd., Cerritos, CA 90703

Questions: contact enrichmentatabc@gmail.com

*All proceeds raised from the ABCEF Enrichment Academy go
back to all students at ABC.*



16700 Norwalk Blvd., Cerritos, CA 90703

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Class Schedule

Class/Session	Incoming	Class	Weeks In Session					
	Grades	Hour	Jun 18-22	Jun 25-29	Jul 2-6	Jul 9-13	Jul 16-20	Jul 23-27
Visual and Performing Art								
Discover Your Voice - Inspire and Empower through Music	5th - 9th	9 - 10am	M	M	M	M	M	M
Movement Madness, Hip Hop for All - I	5th - 9th	10am - 12pm	T/Th	T/Th	T/Th			
Movement Madness, Hip Hop for All - II	5th - 9th	10am - 12pm				T/Th	T/Th	T/Th
Jazz Camp	6th - 8th	10am - 12pm		MTWTh	MTThF	MTWTh		
Plushie Bonanza	4th - 8th	9 am - 12 pm				M-F		
Science								
Be A Racing Drone Pilot	5th - 7th	9am - 12 pm		M-Th				
Elementary Science Olympiad & STEAM Lab	4th - 6th	9am - 12pm					M-Th	
KaBoom! Don't Worry It's just Chemistry!	6th - 9th	9am - 12pm				M-F		
Race Car Maker Lab - Drag Race with a Mousetrap	6th - 7th	9am - 12 pm				M-Th		
Race Car Maker Lab- Recycled Dragster Race	6th - 8th	9am - 12 pm						M-Th
Robotics Camp	6th - 9th	8am - 12:15pm					M-F	
Young Scientists' Summer Explorations - I	4th - 7th	9am - 12pm		M-F				
Young Scientists' Summer Explorations - II	4th - 7th	9am - 12pm				M-F		

Class Descriptions

Visual and Performing Art

Discover Your Voice Inspire and Empower through MUSIC

Incoming Grades (2018-2019): 5th – 9th
Time: 9 - 10 am, Monday, Jun 18th – Jul 23rd
Fee: \$ 180 (material fee included)
STUDENTS: PLEASE BRING A NOTEBOOK AND A PENCIL TO CLASS.

Do you enjoy music and singing? Do you want to project confidence while discovering your voice? If you answered yes, this class is for you. Discover your voice over the summer by learning from the best. Be inspired and empowered through the six-week long class. In this group setting, students will learn the basics of voice through college level theory and ear training technique. By implementing the various tools onto a current song of their choice, the class will pick songs together, deconstruct the songs using music theory, learn the vocal instrument to produce correct pitches, and proceed to finish a recorded demo of their arrangements. At the end of the class, there will be a culminating performance for the families.

Movement Madness! Hip Hop for ALL

Session I

Incoming Grades (2018-2019): 5th – 9th
Time: 10 am – 12 pm, T/Th, Jun 19th – Jul 5th
Fee: \$150 (material fee included)

Session II

Incoming Grades (2018-2019): 5th – 9th
Time: 10 am – 12 pm, T/Th, Jul 10th – Jul 26th
Fee: \$150 (material fee included)

Students may sign up for both Session I and Session II.

Hip Hop dancing has recently taken the Southern California scene by storm. More than ever, kids are starting to realize the potential opportunities that come with learning how to dance. Join this class to learn the basic movements and history behind the many dance styles that started Hip-Hop! With teamwork, fun, and foundation, students will leave this class feeling inspired and energized to pursue their goals – whether it be in dance or elsewhere! Using a combination of music and dance, students will learn to develop their own individual rhythm and groove while working in pairs and groups to coordinate dance routines. At the end of this class, there will be a culminating performance for the families and you will be able to show your best moves at the next dance party, performance, event, or school function!

Jazz Camp

Incoming Grades (2018-2019): 6th – 8th
Time: 10 am – 12 pm, M-Th, Jun 25th – Jul 12th
No class on July 4th, make up on July 6th
Fee: \$180 (material fee included)

Calling all musicians! Come and join us in the summer for some Jazz fun. Create your own solos, play in multiple styles including Rock, Swing, Latin and more. Learn charts to perform for an end of class recital with our group! If you have two years of elementary school band experience, one year of middle school band experience or can read sheet music and have had private lessons in piano, guitar, bass or drum set in the past year, our summer ensemble is looking for you!

Plushie Bonanza

Incoming Grades (2018-2019): 4th – 8th
Time: 9 am – 12 pm, M-F, Jul 9th – 13th
Fee: \$150 (Material fee included)

Learn sewing basics & then create your very own plushie (stuffed animal)! You will learn how to use a

pattern, a number of hand-sewing stitches, and how to assemble a stuffed animal. If you have some experience with these things, you can learn how to create your own pattern & make a plushie of your own invention. Let your imagination go wild!

Science

Be A Racing Drone Pilot!

Incoming Grades (2018-2019): 5th – 7th
Time: 9 am – 12 pm, M-Th, Jun 25th – 28th
Fee: \$150 (material fee included) plus \$25 Lab Fee
The \$25 Lab Fee is to purchase a Drone for each student to keep.

ON 1st DAY OF CLASS, STUDENTS ARE REQUIRED TO BRING SAFETY GLASSES (available at Lowe's, Home Depot, and OSH) AND 3 AAA BATTERIES

Enter the world of Drone Racing! To become a good drone pilot, you must know how a drone flies. We will explain the science behind questions like: How does a drone hover? How does it turn? How does it move in a direction that you want? How does it do stunts? How can you know how fast your drone flies? What is a gyro? What is a barometer? In this interactive class, you will become the pilot of a Micro Racing Drone. Start in the novice mode and use flight assist technologies such as height lock, auto take-off, auto-return and auto-land. Once you become familiar with the flight characteristics of the drone, switch to "veteran" pilot mode and practice flying on an indoor Drone Race Course! The drone is engineered with ducted fan propellers which help protect against propeller injury (You must bring your own safety glasses as it will be mandatory for this class). Now challenge your classmates to a race! Up to 4 drones can race at a time so the excitement of each race is intense! Races will be done indoors in a controlled environment and course.

Elementary Science Olympiad and STEAM Lab

Incoming Grades (2018-2019): 4th – 6th
Time: 9 am – 12 pm, M-Th, Jul 16th – 19th
Fee: \$150 (Material fee included)

Immerse yourself in the exciting and hands-on world of STEAM Lab. Explore science, technology, engineering, art, and math through a range of fun-filled educational projects. Does air have weight? Can you build the strongest structures with pasta and mystery tower? How about make a circuit and create a generator? There is so much more to explore!

KaBoom! Don't Worry It's just Chemistry!

Incoming Grades (2018-2019): 6th – 9th
Time: 9 am – 12 pm, M-F, Jul 9th – 13th
Fee: \$ 150 (Material fee included)

Let's have fun with Chemistry! Get hands-on experimentations with acids/bases and use what is learned for chemical reactions to launch rockets. Do we dare say that some things may catch on fire? Don't worry! Safety, of course, will be the first thing we learn and practice throughout the workshops - however we're going to experience a lot of cool chemical reactions!

Race Car Maker Lab - Drag Race with a Mousetrap

Incoming Grades (2018-2019): 6th – 7th
Time: 9 am – 12 pm, M-Th, Jul 9th – 12th
Fee: \$ 150 (material fee included)

Do you like cars? Have you ever thought of building your own? In the Race Car Maker Lab, students will design, build, and race cars in a competition against all the cars made in class! Discover the science of torque, levers, gear ratios, and friction. Then, design and build your race car by applying what you have learned. A mousetrap can store energy and your challenge is to use this energy to power your race car to go as fast as possible! Test different gear ratios and lever combinations to get the fastest speed from your dragster. Challenge your classmates to an exciting drag race! The FASTEST DRAGSTER WINS! This is a hands-on class requiring students to apply what they have learned to build their race cars. Students are encouraged to test and modify their racecars prior to the competition of all class racecars on the final day.

Race Car Maker Lab - Recycled Dragster Race

Incoming Grades (2018-2019): 6TH – 8TH

Time: 9 am – 12 pm, M-Th, Jul 23rd – 26th

Fee: \$150 (material fee included)

BE SURE TO COME TO THE 1ST DAY OF CLASS WITH ALL OF YOUR “RECYCLED” JUNK!

Calling all car enthusiasts- this is Recycled Dragster racing, where you'll race your own built Dragster! Don't have a dragster? We'll teach you to build it with recycled material from your trashcan or junk box! Learn in class the science behind a fast dragster...then design and build it! The rule is simple: You can use anything to make the dragster if it is not used for its originally intended purpose. For example: you can't use a wheel as a wheel. You can't use a nail as a nail. You can't use Legos as Legos! Come to the 1st day of class with all the 'junk' and 'recycled' material that you feel you will use to build your dragster! What will you use as wheels? What will you use for a body? What will you use for axles? This is a hands-on class where students are challenged to apply science and engineering concepts where proper choices of recycled materials will determine dragster performance.

Robotics Camp

Incoming Grades (2018-2019): 6th – 9th

Time: 8 am – 12:15 pm, M-F, Jul 16th – 20th

Fee: \$250 (material fee included)

Explore the exciting world of robotics and engineering through this intense one week long course. Join us to explore the promising world of designing, coding, and building robotics under the engineering discipline. Students will learn the process of engineering through robotics building and test their skills through this amazing hands on process on their own level. Class is taught by ABC science and robotics teachers.

Modeling: Students work their way through an interactive online program where they learn how to choose and design their own prototypes using CAD

(Computer Aided Design). By the end of the curriculum students will have the option to print their projects on a 3D printer at their choice. Common end products include designing and customizing their own key chains, toy figurines, wallets, glasses, jewelry, etc.

Coding: Get ready to code! Students will learn the skills of coding at their own level. Whether experienced or not with *RobotC*, there will be activities and curriculum customized to meet students' needs. They will also have the opportunity to be creative and work with other students to meet exciting coding challenges.

Building: Using high quality VEX Robotics Kits, students will have new, exciting, and cutting edge opportunities to work with other like-minded students to be creative while designing and building a project of their choice, at their own level, whether experienced or not.

Young Scientists' Summer Explorations

Session I

Incoming Grades (2018-2019): 4th – 7th

Time: 9 am – 12 pm, M – F, Jun 25th – 29th

Fee: \$150 (material fee included) plus \$15 Lab Fee

The \$15 Lab Fee is to purchase a binocular for each student to keep.

Session II

Incoming Grades (2018-2019): 4th – 7th

Time: 9 am – 12 pm, M – F, Jul 9th – 13th

Fee: \$150 (material fee included) plus \$15 Lab Fee

The \$15 Lab Fee is to purchase a binocular for each student to keep.

Are you curious about the wild world around you? Have you ever asked yourself questions about what animals live in your backyard? Join fellow young scientists to explore this summer! Learn from an expert a variety of topics including Ecology, Biology, Physical and Life Sciences. Conduct in a variety of activities throughout the week including a Squid Dissection, a Bio Assessment Activity, and a Nature walk. Engage in a Bio-Blitz and complete a Citizen

Science Project using the *iNaturalist* Application. Take pictures of all the local wildlife and plants while exploring, and then add your findings to the project

database. Take part in real research projects and contribute to the world of Science!

Meet Our Highly Qualified And Committed Instructors

Ervin Buenaobra - Ervin Buenaobra has over 12 years of dance experience from being with several teams over the years. Mr. B began dance journey at the age of 11, right here at Tetzlaff Middle School. He then moved up to Cerritos High, joining their Dance Team and becoming a Leader by his Sophomore year. After graduating in 2012, he was offered a coaching position and helped lead the team to two USA National Championship titles in Hip Hop. Mr. B currently dances and directs PAC Modern, a collegiate Hip Hop team that is an extension of the Pilipino American Coalition (PAC) from Cal State Long Beach. He has competed at all of Southern California's most prestigious competitions including *World of Dance*, *VIBE*, *Body Rock*, *Fusion*, and *Ultimate Brawl*. Mr. B also teaches at Quest Studio in Artesia, is a certified Breakdance Instructor for WeBreak Hip Hop Dance Company, and spends his spare time fishing with his Dad and practicing his breakdance moves. Mr. Buenaobra will teach 'Movement Madness! Hip Hop for All.'

Heather Dean – Heather Dean has been teaching art at Carmenita Middle School during the past 11 years, including Survey of Art, Cartooning, Architectural Design, Arts & Crafts and Digital Media Arts. Ms. Dean attended Art Center and SFSU & L'Accademia de Belli Arte in Italy for her undergraduate art degree in Drawing & Painting. She has her teaching credential from CSULB and a Masters in Ed Technology from Concordia U. Besides teaching and art, Ms. Dean enjoys travelling. Ms. Dean will teach Plushie Bonanza.

James Trombetti - James Trombetti (Mr. T.) is a Senior Education Associate at the Aquarium of the Pacific in Long Beach California. Mr. Trombetti has a B. S. in Biology with a life-long passion for exploring the natural world and especially loves wild animals. He hopes to impart that same passion and stewardship of our natural world to young people. Mr. Trombetti will teach Young Scientists' Curious Summer Explorations.

Jennifer Nakada and Leslie Pando-Hernandez

Jennifer Nakada has been coaching Elementary Science Olympiad for the past 5 years for Rosemeed School District. Her science olympiad team has won three Gold Medals and two Silver Medals in Los Angeles County Science Olympiad competition. Her passion for science brings out the inquisitive nature in students so that every project leads to more questions and avenues to explore. Mrs. Nakada has her special education teaching credential from California State University of Fullerton. She also has a M.A. in Psychology from Pepperdine University.

Leslie Pando-Hernandez has been teaching science in the past 9 years, including the most recent 6 years in Tetzlaff Accelerated Learning Academy. As a dedicated and talented science teacher, Mrs. Pando believes that through teamwork and collaboration, students will have great fun designing, building, brainstorming, and experiencing science together! Mrs. Pando has a Master of Teaching in Elementary and Secondary Education, and Single Subject Credential in Life Science. She also has a B.S. in Biological Science from UCI.

Mrs. Jennifer Nakada and Mrs. Pando-Hernandez will teach Elementary Science Olympiad and STEAM Lab.

Ken Yoshikawa – Ken Yoshikawa is a highly respected and loved science teacher who taught and retired from Carmenita Middle School. His passion for physical science led him to form and coach Carmenita's Science Olympiad team from 2009 to 2015, specializing in the "Physics Construction" events such as Battery Buggy, Bottle Rockets, Optics, Storm the Castle, Wheeled Vehicle, Helicopters, Mousetrap Vehicle, Gliders, Mission Possible, Rotor Egg Drop, Air Trajectory, and Junkyard Challenge to name a few. His students earned a total

23 medals at the Regional Competitions. The efforts of the total Olympiad team qualified for 2 State Competitions. Mr. Yoshikawa also initiated Elementary Science Olympics in our district. Prior to teaching, Mr. Yoshikawa was the president of a custom design company specialized in liquid crystal displays. Mr. Yoshikawa holds a B.S. in Industrial Technology with a specialty in electronics education plus two credentials: Multiple Subject Credential and Single Subject Credential in Earth Sciences. Mr. Yoshikawa looks forward to sharing his passion for science with his summer students. Mr. Yoshikawa will teach Be A Racing Drone Pilot, Race Car Maker Lab – Drag Race with a Mousetrap, and Race Car Maker Lab – Recycled Dragster Race.

Lora Walters and Tyler Courdy

Ms. Walters is currently a Robotics and Science Teacher at Tetzlaff Accelerated Learning Academy and is finishing her 10th year of teaching. She has a Masters in Teaching from San Diego State University and is a graduate of California State University Long Beach with a Bachelors of Science in Health Science and a Clear Teaching Credential in Science.

Mr. Courdy is a Robotics and Science Teacher at Tetzlaff Accelerated Learning Academy. Mr. Courdy has a B.A in History, a Masters in Secondary Teaching, as well as credentials in History and Science.

Both Ms. Walters and Mr. Courdy have partnered to form Tetzlaff’s STEM classroom and created a PLTW Robotics Class Curriculum. Ms. Walters and Mr. Courdy will teach Robotics Camp.

Matthew Gullett

Mr. Matthew Gullett is in his 5th year as the music teacher at Tetzlaff Middle School. In addition, Mr. Gullett is an elementary band teacher for Leal elementary, and works as a Visual and Assistant Director for the Gahr High School Marching Gladiators who won the SCJA State Grand Championships the past 3 years. In his 5 years at Tetzlaff, Mr. Gullett has continued the rich tradition of success both in parade competitions and festival results with the advanced band winning numerous awards throughout his tenure. Mr. Gullett holds a Bachelor of Music Degree from CSU Long Beach, where he studied tuba with studio musician John Van Houten, and has studied with David Holben. He graduated Cum Laude as an undergraduate student and received numerous Presidents’ awards for his high achievement in academics. Mr. Gullett holds membership in Southern California Band and Orchestra Association, California Music Educators Association and Phi Mu Alpha Sinfonia music fraternity. Mr. Gullett will teach Jazz Camp.

Nataly Navarro – Nataly Navarro has been teaching and performing music for over 25 years. She has an extensive experience in teaching singing, voice technique, and keyboard technique. As a musician, she competed singing and piano performance both regionally and internationally. Ms. Navarro is a credentialed teacher in ABC Unified School District for 11 years. She holds a Master of Arts in Learning Technologies from Pepperdine University and Multiple Subject Credential from CSU Dominguez Hills. With the strong passion for enriching young minds in the arts, Ms. Navarro will inspire her students to be confident artists and to discover their voices from within! Ms. Navarro will teach Discover Your Voice - Inspire and Empower through Music.

Trina King – Trina King is a dedicated and talented Physical Science teacher at Carmenita Middle School for the past ten years. Mrs. King coached students for all of the chemistry events when Carmenita M.S. participated in the Los Angeles Science Olympiad Competition. Before dedicating to teaching, she first worked as a chemist at CRG Marine Laboratories in Torrance, Ca., a company specialized in storm and wastewater. She then became the supervisor of the Organic Chemistry Division at CRG Marine Laboratories. Mrs. King looks forward to sharing her expertise and talent in Chemistry and Forensic Science with her summer students. Mrs. King holds a B.S. in BioChemistry and Single-Subject Teaching Credential in Chemistry. Mrs. King will teach KaBoom! Don’t Worry It’s Just Chemistry!

Additional Information

**Classes will be at Tetzlaff Accelerated Learning Academy, located at:
12351 Del Amo Blvd., Cerritos, CA 90703**

Registration:

All registration will be completed online at enrichment.abcdfoundation.org. Registration will be on a first come, first served basis.

Behavior Expectations:

It is the goal of the ABC Education Foundation Enrichment Academy to provide a positive, safe, and nurturing learning environment for all students. To ensure that all students have equal access to success and a sense of well-being, we expect that students behave appropriately. Participating in this program is a privilege and if a student has to be removed from a class on more than one occasion, the course fee will be forfeited and the student will no longer be able to participate in our courses.

Refund Policy:

Request for refund must be received by the Foundation via email at enrichmentatabc@gmail.com one week before the class start day. There is a \$20 refund fee per class on all refund requests. The Foundation will process the request within 2-4 weeks. If your child misses classes, you are still responsible for the full fees of the session.

On Time Arrival and Departure:

You may drop off your child at the pick up/drop-off area in front of Tetzlaff. There will be staff as well as signs to guide you as to where to go.

Please arrive promptly for your class.

Please pick up your child promptly at the end of the class. After 10 minutes of grace period, there will be a \$10 late charge for every 5 minutes late pick-up.

Scholarships:

ABCEF Enrichment Academy is committed to serve all students and provides limited partial scholarship based on needs. Application deadline is May 25th. To apply for your scholarship, the students will prepare 1) an application essay, stating their name, school, grade, why they are interested in the class, and what are their other interests; 2) a letter of recommendation from their teacher or their principal. All scholarship applications shall be prepared digitally in word or PDF format and shall be emailed to enrichmentatabc@gmail.com. Upon acceptance, ABCEF Enrichment Academy will email the applicants the acceptance two weeks before class date.

Supervision:

For their safety, all students will be supervised all time while on campus.

Teacher and Staff:

Each class will be taught by credentialed or highly qualified teachers or instructors who have extensive experience in the subject.

Contact: enrichmentatabc@gmail.com