

Course Title	Course Description	Grade Range	Session 1	Session 2
Culinary Arts	<p>This 10-credit CTE course, offered in partnership with Coastline ROP and TUSD, provides an exciting introduction to the world of culinary arts. As the first course in the Culinary Arts pathway, students will engage in hands-on learning, mastering fundamental cooking techniques, knife skills, ingredient preparation, and various cooking methods. The curriculum covers grains, pasta, pizza, proteins, and essential baking techniques, helping students build confidence in the kitchen while preparing delicious meals from scratch. Students will also have the opportunity to earn the ServSafe Food Handlers Certification.</p> <p>As part of the TPSF Summer Academy, this course offers a unique summer experience with fun, seasonal-themed activities not found in the traditional Culinary Arts class and spans both Session 1 and 2. Students who complete this course can continue their culinary journey by enrolling in the second-level course next summer or after school in the fall and spring, ultimately completing the Culinary Arts pathway.</p>	9th-12th	X	X
Agree to Disagree: Intro to Debate	How persuasive are you? This class for 5-8 graders will give you a chance to find out. You will have the opportunity to learn effective strategies for debate as well as the ability to look at all sides of an argument through research and discussion. WARNING....you may use these skills at home too!	5th-8th	X	X
Astronomy - To Infinity and Beyond!	Have you ever wanted to be an astronaut and explore outer space? Join us on a cosmic adventure through the stars! Together, we will learn about how stars are born and how the solar systems and the universe were created. You'll navigate to the moon to understand how it controls our tides, and how the Earth, Moon and Sun System can undergo an eclipse. Take part in the discussion about our ancient ancestors' traditions and myths about the stars and planets, and how it helps us understand our place in the universe. You'll create your own time capsule too. Finally, we'll discuss the future of space exploration and design rockets that may one day carry humanity to other worlds. Come on board the U.S.S. Cosmos and join the space rangers today!	3rd-4th		X
Becoming an Author and Illustrator	For two fun filled weeks of summer, students will become authors and illustrators. They will learn about famous illustrators as they create beautiful art pieces of their own. Students will use a variety of techniques and medium to illustrate their writing masterpieces. Each day we will focus on different writing styles and skills that are required for this age group. Students will complete the course prepared for their next school year! Will your student be the next Mo Willems or Isabelle Arsenault? Come join us this summer and find out!	1st-2nd	X	X
Become a Digital Graphic Novel Author!	In this two-week course, your child will step into the fun and exciting world of graphic novel draft and design! Using popular graphic novels as guides and apps that will help design exciting digital products, your child will learn the skills needed to create graphic novels. The class will include lessons on graphic novel design including frames, gutters, different shots, narration, speech bubbles, and transitions. Also, instruction on story elements, including plot, theme, and character development will be included. Students will leave the class with the tools and understanding to be a graphic novel author!	6th-8th	X	X

Bonjour, France! A Fun Adventure in French Language & Culture!	<p>Get ready to explore the amazing world of France this summer! In this exciting 2-week class, you'll learn how to speak a little French, try yummy French foods, and discover cool things about French culture. You'll get to say "bonjour" to new friends, try making French treats like Creme Brulé et Croque Monsieur, and even learn about famous places in France! You'll also sing and dance to French music, make creative projects, dress up a la Parisienne, and take a virtual trip to see some of France's most famous spots. Join us for a summer of fun, food, and all things French—let's have a blast together!</p>	2nd-5th		X
Brain Academy	<p>Are you up for a challenge? The Brain Academy will be 2 action-packed weeks filled with tons of activities that will be challenging, but also lots of fun! Using GATE strategies and creative thinking techniques, we will analyze stories and come up with solutions for real world problems. Puzzlements, mysteries, riddles, trivia contests, and synectic analogies will challenge your child's brain to think in unique ways. This course is ideal for any gifted student looking for a challenge, and to learn some strategies to succeed in school and beyond. You don't need to be identified GATE to join though! Everyone is welcome! Get ready for a learning adventure!</p>	3rd-4th	X	
Coding and More for Primary Grades	<p>A great class for students interested in learning coding at the primary level! In this two-week course, students will get a glimpse into the world of coding, robotics, and the Engineering Design Process. We will learn several different apps and robotics programs to teach your children the fundamentals of computer science. Your child will get a glimpse into the world of coding and the Engineering Design Process to complete Steam-based challenges! No coding experience is necessary.</p>	1st-3rd	X	X
Contraptions in Action	<p>In this hands-on and dynamic class, we will learn to build madcap devices based on the ideas of cartoonist Rube Goldeberg. Students will use physics, engineering, and art to design and build Rube Goldberg Machines (complex machines to perform simple tasks). This two-week adventure will involve the use of materials to draft, draw, and build wacky contraptions! All the while, students will also learn how to use simple foundational tools such as levers, pulleys, and wedges as they create their own designs. There will be a culminating presentation of each machine where we highlight each group's zany creation for all friends and family to see.</p>	4th-8th	X	X
Crawl, Fly, Buzz! Insect Exploration	<p>In this fun and interactive class, students will explore the fascinating world of bugs! They'll learn about the vast variety of insects, their unique characteristics, and their important roles in nature. Through hands-on activities like bug hunts, creating insect habitats, and observing real bugs, students will discover how these tiny creatures benefit our world and make our lives better. By the end of the class, kids will have a newfound appreciation for bugs and understand their place in the ecosystem!</p>	3rd-6th	X	X
Crunching the Numbers: Sports Analytics for Kids	<p>Should you go for it on fourth down? What pitch should you throw to this batter with a full count? In this class, you'll discover how probability and statistics could help answer these types of game-changing questions in sports. You'll start by playing games of chance to see probability in action, then apply those skills to real sports scenarios. Plus, you'll hear from guest speakers who use sports analytics in their careers, giving you an exclusive look at how numbers influence the pros. Whether you dream of being a player, coach, or sports analyst, this course will show you how to think like the experts and see the game in a whole new way. Sign up today and start crunching the numbers like a champion!</p>	5th-8th	X	X

Cultures and Customs of the Spanish Speaking Countries	All 21 Spanish speaking countries have beautiful cultures and customs- let's explore through engaging activities such as arts and crafts, books, music, dancing, games, food tasting, language and more. By the end of course students will have cultural appreciation and be inspired to learn more about Spanish speaking countries.	2nd-4th	X	X
EmpowerED Leadership: Building Personal and School Leadership	High School EmpowerED Leadership supports the personal, professional, and creative growth of incoming 8th - 12th grade students. Students will focus on both personal leadership and school leadership. They will interact with mentors and professionals in various industries to build personal leadership in public speaking, interviewing, and resume-building. Additionally, students will learn how to strengthen their leadership on a school campus by diving into logistical awareness, campus inclusivity, resource management, and more! By the end of the two-week session, students will make valuable personal and professional contacts and gain salient life skills. They will also have the opportunity to put their skills in action by planning mini campus events for the TPSF Summer Academy program.	8th-12th		X
Express Yourself	This fun and engaging course provides a safe space and a judgement free zone to learn and practice various forms of coping strategies and self-care through art, music, movement, self-expression, and community building! Taught by one of TUSD's School Counselors, this course will support Middle School students as they learn more about themselves, connecting with others, and sharing their experiences in a therapeutic environment.	5th-9th	X	X
Extreme Technology	Students will learn about new technology that is changing the world today. This class will focus on the new wave of revolutionary technology. Students will explore 3D design software while using 3D printers to bring those images to life. Students will discover and explore the latest in virtual reality through the oculus rift headset which allow them to "travel" to virtual environments such as ancient Japan and outer space. In addition, students will develop the critical skills to be successful programmers and video game designers as they develop video games. This class will open the eyes, unlock the imagination, and blow your mind.	4th-6th	4 Week Course	
Fast Forward - Kindergarten: Camping	Get a jump-start on Kindergarten in a fun, exploratory, and no-pressure/no-homework/no-grades structure. Students will also explore camping through the seasons of the year: incorporating letter recognition, phonemic awareness, listening and following directions. Students will create/design a book about the life of a tree through each season. During the math portion, students will explore camping life: incorporating number recognition, sorting, identifying shapes, patterning, and counting while constructing a variety of creative art projects on camping.	K	X	
Fast Forward - Kindergarten: Bugs!	Get a jump-start on Kindergarten in a fun, exploratory, and no-pressure/no-homework/no-grades structure. During this session, students will explore the life of bugs: incorporating letter recognition, phonemic awareness, numbers, counting, listening and following directions. Students will create/design those pesky bugs that can be found during picnics.	K		X
Fast Forward - 1st Grade: Biomes of the	Biomes of the World: Students will learn about the ocean, desert, rainforest, and grassland habitats, integrating reading, writing, and art throughout the unit. Students will also explore the concepts of addition and subtraction in a hands on ""game based"" approach.	1st	X	

World				
Fast Forward - 1st Grade: USA "Rocks!"	Get a jump-start on the next school year! Fast Forward introduces students to the concepts they will encounter in their next grade level—in a fun, exploratory and no-pressure/no-homework/no-grades structure. In Module 2, the theme will be USA Rocks! Students will learn about money, number sense and foundational reading and writing skills based on the social science theme of our national symbols. Students will also use a variety of digital tools to produce and publish their writing.	1st		X
Fast Forward - 2nd Grade: Catch the Learning Bug!	Get a jump-start on the next school year! Fast Forward introduces students to the concepts they will encounter in their next grade level—in a fun, exploratory and no-pressure/no-homework/no-grades structure. Catching the Learning Bug! Scholars will be buzzing with excitement as they become experts on insect life cycles, habitats, and behaviors as they incorporate skills in both language arts and mathematics using hands on manipulatives and digital tools. Your student will enter second grade confident and ready to learn."	2nd	X	
Fast Forward - 2nd Grade: Magnets and Biographies	Get a jump-start on the next school year! Fast Forward introduces students to the concepts they will encounter in their next grade level—in a fun, exploratory and no-pressure/no-homework/no-grades structure. "People Who Make a Difference." Scholars will embark on a journey learning about the contributions of different individuals and how they changed the world we live in. They will learn more about social studies and the lives and accomplishments of heroes while also practicing new skills in both language arts and mathematics. Your student will enter 2nd grade as a confident learner."	2nd		X
Fast Forward - 3rd Grade: Camp 3rd Grade!	Get a jump-start on the next school year! Fast Forward introduces students to the concepts they will encounter in their next grade level—in a fun, exploratory and no-pressure/no-homework/no-grades structure. Get ready for a successful school year at Camp Third Grade! Students will be introduced to concepts they will encounter in third grade in a fun, exploratory environment with a no-pressure/no-homework/no-grades structure. The class has a collaborative setting where students can work in teams to achieve goals. They will utilize technology using fun apps and creating their own videos about our class content. Students will love learning at Camp Third Grade!	3rd	X	X
Fun with Fiber Arts!	From macramé to crochet, students will explore a world of yarn, fabric, and fibers while crafting amazing works of art. They'll weave dreamcatchers, stitch intricate designs, and even create their own adorable amigurumi! Over the course of the class you'll learn the essential techniques of each craft and unleash your imagination as you craft unique projects.	6th-8th	X	
FUN-Infused Sports: Frisbee & Leisure Sports	Discover the exciting world of Frisbee and leisure sports! In this two-week session, students will dive into Ultimate Frisbee, Frisbee Golf, and Kan Jam, developing teamwork, coordination, and throwing skills. Alongside these fast-paced games, students will also enjoy a mix of leisure sports like Cornhole, Bocce Ball, Mini Golf, and Ladder Golf, perfect for strategy and friendly competition. Whether you're looking to refine your frisbee throws or enjoy classic lawn games, this session is all about movement, fun, and sportsmanship. Join us for an engaging and active summer experience!	4th-8th	X	
FUN-Infused	Experience Pickleball—the fastest-growing sport in the U.S.—and the excitement of Tchoukball!	4th-8th		X

Sports: Pickleball & Tchoukball	<p>Pickleball has exploded in popularity as a sport that blends tennis, badminton, and ping pong, making it easy to learn but challenging to master. Students will develop agility, coordination, and strategy as they play this thrilling and fast-paced game. They'll also dive into Tchoukball, a unique team sport that emphasizes quick decision-making and cooperation. Whether you're new to these sports or looking to sharpen your skills, this session is designed to keep students moving, engaged, and having fun! Join us and be part of the Pickleball movement while trying something new!</p>			
Future Marine Biologists (1st - 3rd)	<p>Ever wondered what the inside of a sea animal looks like? Want to watch live plankton under a microscope? Are you ready to jump in with the jellies, sea otters and sharks via Live Cam at Monterey Bay Aquarium? Have you ever tasted seaweed? Do you have a favorite sea animal you really want to know more about? As a Future Marine Biologist you will be using all of your senses as we dive into discovery about Earth's least explored place - the ocean. Get ready scientists, we will be using microscopes, observing and touching living tidepool animals, and running experiments to understand the ocean and the amazing and mysterious creatures that live there. Bring your brain as we take on plastic pollution and other threats to marine organisms.</p>	1st-3rd	X	
Future Marine Biologists (3rd - 5th)	<p>Ever wondered what the inside of a sea animal looks like? Want to watch live plankton under a microscope? Are you ready to jump in with the jellies, sea otters and sharks via Live Cam at Monterey Bay Aquarium? Have you ever tasted seaweed? Do you have a favorite sea animal you really want to know more about? As a Future Marine Biologist you will be using all of your senses as we dive into discovery about Earth's least explored place - the ocean. Get ready scientists, we will be dissecting sea animals, using microscopes, observing and touching living tidepool animals, and running experiments to understand the ocean and the amazing and mysterious creatures that live there. Bring your brain as we take on ocean acidification, plastic pollution, and other threats to marine organisms.</p>	3rd-5th	X	X
Game Strategy and Design	<p>In this dynamic and engaging class, students will dive into the world of board and trading card games, exploring the strategies and mechanics that make them fun and challenging. Playing and learning about games you may be familiar with like Monopoly or Pokemon or learning about a whole new game like Settlers of Catan, students will learn the rules and tactics of a wide variety of games. Throughout the course, students will analyze game mechanics, understand and learn strategy, and explore how game design impacts player experience. They will also have the opportunity to play these games, honing their skills and developing strategies to outsmart their opponents. The culmination of the class will be a creative project where students design their own board or trading card game. By the end of the class, students will not only have a deeper appreciation for the art of game design and strategy but also a tangible game prototype they can share and play with others.</p>	5th-8th	X	X
Grow A Garden	<p>If you have a passion for nature and the great outdoors, join us for this exciting class where we will explore gardening, propagating, plant cycles, and pollinators! We will be learning more about the plant and animal life found in a garden through project-based learning and inquiry-based exploration. Students will be encouraged to pursue their curiosity about plants and nature while engaging in hands-on learning experiences. Throughout this course, students will have the opportunity to grow and harvest their very own garden! This class will offer many inspiring activities that will deepen and strengthen students' love for nature and the environment.</p>	1st-3rd	X	X

Hands-On Math	Curiosity, wonder, exploration! Math is all around us, and summer is the perfect time for students to discover just how much they use math every day. Students can dive deeper into ratios, the Pythagorean theorem, volume, expressions and equations, etc. and see how fun math can be! They will even learn financial literacy through a series of hands-on challenges! Students will not only build confidence in their math skills, they will enhance their decision-making, critical thinking, and deductive reasoning... all skills to make them stronger mathematicians and to be well-prepared for future math classes.	6th-8th	X	X
Happy Little Artists	Your artist will develop their artistic talent this summer in Happy Little Artists. Students will learn about the elements of art, famous artists and create their own art masterpieces using a variety of mediums. Artists will showcase their creations in our Artists Showcase on the final day.	K-2nd	X	X
Intro to Cooking	Learn cooking basics and tips to create tasty breakfast, lunch, snacks and desserts. Students will use simple cooking tools and ingredients a well-stocked pantry would have on hand.	5th-8th	X	X
Journaling With Flair	This course is a fun twist on art journaling! Students will experience a variety of crafting techniques to pair with writing prompts in order to create one-of-a-kind pages. Each student will walk away with a special and unique journal!	4th-7th		X
Junior Scientists	An engaging introduction to 10 scientific careers for incoming first and second grade students. Scholars will conduct chemical reactions as a chemist, dig up fossils as a paleontologist, study and press flowers as a botanist, and make delicious recipes to represent different types of rocks as a geologist! Students will participate in exciting, hands on activities and bring home their projects and scientist summaries to share at home. Come discover your new career in science today!	1st-2nd	X	X
JUST BEAT IT: Bucket Drumming with Vocals	Join TUSD music teacher Jamie Garrett as you play percussion through the fun and engaging art of Bucket Drumming! We will use Garageband, iMovie, rhythm and vocal techniques, team building, and hand/eye coordination skills to create an epic performance! Don't miss it, Just Beat It!	4th-7th	X	
Let's Get Loud! Music Making and More	Join TUSD music teacher Jamie Garrett to learn the basics on a variety of percussion instruments including piano/keyboard, drums, xylophone, metallophones, cymbals, boom whackers, vibraslaps, and more. Get ready to play, create, and collaborate as a group on a final performance, performing music old, new, and from around the world.	3rd-5th		X
Musical Theater Madness	Hamilton, Wicked, Les Mis, oh my! It's time for all things Musical Theatre! Students will learn about the history of musical theatre while training in acting, singing, and dance. Students will perform scenes, dances, and songs in a musical showcase. Instructor Sara Blair has worked professionally in musical theatre and cruise ships and is the director and creator of Legacy Productions at Legacy Magnet Academy. So, get ready... a 5, 6, 7, 8!	7th-12th	X	X
No Drama...Drama! IMPROV	A TWO WEEK CLASS FOR MIDDLE SCHOOL STUDENTS where you will experience theater and improv games, and create on-the-spot scenes with your fellow actors. Join us as we take the stage...and get ready for the applause!	6th-9th	X	X

Photography: Shoot Like a Pro	Learn from a professional photographer all of the ins and outs of your DSLR camera. Learn to shoot on manual and all the techniques and lenses the professionals use. Over this two-week course, you will not only learn the skills but apply them in photoshoots of real-life contexts of people, food, and more. Please note, students will need to bring their own DSLR camera or rent one as part of the course.	6th-9th	X	X
Physics Galore	"Interested in immersing yourself in physics or just experiencing what makes physics so fun and cool? Then you have come to the right place because you will have the opportunity to explore how everyday things around you function, such as how objects are able to generate lift, how electricity is able to be generated from magnets, and much more. The best part is that there is no limit to your exploration, except what your mind can come up with and, of course, the laws of physics themselves." "	6th-8th	X	X
Pixels & Pitches: Making Music for Video Games	Do you love music? Are you a gamer? Why not blend your two passions!? In this class you will learn how to make a short melody for a video game using melody, rhythm, and synthesized sounds.	5th-8th	X	
Publish Your Own Children's Book!	In this two-week course, your child will have the unique opportunity to create and develop their very own children's book. Through studying and reading classic children's books, along with proper guidance and instruction, students will learn how to write, draw and publish their books.	3rd-5th	X	X
Robotics Vex Go	Meet VEX GO, a construction system that teaches the fundamentals of STEM through fun, hands-on activities that help young students perceive coding and engineering in a fun and positive way! Learn to design and build a robot! Using the VEX Go system, students will get hands-on experience building and operating robots. Students will also be exposed to coding to control the robots, all with the support of a TUSD teacher. This class is a great introduction to the design process. No previous experience necessary.	3rd	X	X
Robotics 1	Learn to design and build a robot! Using the VEX IQ system, students will get hands-on experience building and operating robots. Students will also be exposed to coding to control the robots, all with the support of a TUSD teacher. This class is a great introduction to the design process and will benefit students looking to participate in robotics in the fall. No previous experience necessary.	4th-5th	X	X
Robotics 1.0+	BY INVITATION ONLY: This 4-week class is for students that have had experience with VEX IQ on a robotics team. Students will gain further experience with designing, documenting, building, coding, and teamwork.	4th-5th	4 Week Course	
Robotics 1.5	Learn to design, build, and operate robots! Students will learn how to document the engineering design process, learn how to create a design, and will get hands-on experience building robots. Students will also be exposed to the coding required to run the robots. This course will help prepare students who are interested in taking robotics in middle school and will provide experience for those interested in applying for a competitive TUSD Robotics team.	6th-8th	X	X

Robotics 2.0	<p>BY INVITATION ONLY: FOUR WEEK COURSE</p> <p>This class will provide hands-on experience designing, building, testing, and revising VEX robots. Students will learn how to document the engineering design process in notebooks while developing ideas for the VEX EDR game. Students will then build, program, and drive a functional robot by the end of their 4-week session.</p>		4 Week Course	
Science Exploration	<p>Are you ready to unlock the mysteries of science? Students will ask questions, research, and conduct hands-on experiments and projects to discover the science behind each phenomenon. If you like challenges, surprises, and don't mind getting a little messy, this class is for you. Don't forget your safety goggles!</p>	3rd-4th	X	X
Sing & Slay: Singing Bootcamp!	<p>Do you love to sing but you wish you were a stronger singer? Are you new to singing and aren't sure where to begin? This class will teach you how to become a better singer through vocal techniques and various genres of music.</p>	2nd-4th		X
Vive la France: A Summer of French Language and Culture!	<p>This summer, get ready to explore the exciting world of France! In this 2-week course, you'll discover the French language, try out delicious French foods, and learn about the vibrant culture that makes France so unique. From learning how to speak basic French to diving into French music, art, and history, you'll get a full taste of what makes France awesome. You'll also have the chance to create fun projects, explore French cuisine, and even take in a virtual trip to see some of the most famous places in France. If you love trying new things and want to experience a different culture, this class is for you. Join us for an unforgettable summer filled with French fun and adventure!</p>	6th-8th	X	