

OPTIMAL LEARNING YOUTH STEAM ADVENTURE CAMP 2017



Elementary School Age



SUMMER AT THE THEATRE

THEME SESSION 1 WEEK 1 BEACHY GOOD FUN June 19th - June 23rd 2017

During this week we will be introducing the play "OZ!" to our campers. Throughout the next few weeks campers will be preparing, learning and rehearsing for the performance of this play on July 27th 2017. All components of the theatre will be presented to our campers which will encompass the 5 elements of the arts: Visual, Media, Music, Dance and Theatre.

S.T.E.A.M.	AT THE BEACH	Campers will identify the characteristics of natural materials found at the ocean and compare them to man made materials.
SPARK	WATER WEEK	This will be a wet n' wild week where the youth club will start off summer break with a splash. They will get to get wet with the slip and slide, water balloon games and relay races.
THEATRE	IMROV ACTING	Campers will use real materials to come up with a small skit which will identify to a character in the play "OZ"
DANCE	EXPRESSION	Campers will observe, explore & discuss how movement can show feelings and images related to Alice and other characters in the play.
MUSIC	EMOTION	Campers will discuss how music can evoke emotions.
MEDIA ARTS	EXPLORE THE PROCESS HOW MEDIA ARTS ARE SHAPED	Campers will share, test and choose ideas to prepare for a media arts production.
VISUAL ARTS	USING TEXTURE	Campers will create an ocean mural as a team using a variety of mediums to create texture and 3D effects.
FIELDTRIP	CUNNINGHAM FALLS	TBA TBA

THEME SESSION 1 WEEK 2 LIGHTS - CAMERA - ACTION June 26th - June 30th 2017

Campers will be drawn into the fascinating world of theatre, which will include team building activities.

S.T.E.A.M.	SOUND	Campers will explore & measure various ways sound travels & is absorbed through the use of string, wire, water,...
SPARK	BASKETBALL	Campers will practice ball handling drills, dribbling, passing, hoop targets & keep away
THEATRE	METHOD ACTING	Campers will act out scenes from the play using their own emotions to create a deeper understanding of the character.
DANCE	LET'S DANCE	Campers will invent their own dance to accompany a certain music genres
MUSIC	CAN U HEAR THE BEAT	Campers will participate in teachers guided music and movement activities
MEDIA ARTS	GENERATE & CONCEPTUALIZE ARTISTIC IDEAS & WORK	Campers will discover how elements and components can be altered for clear communication and effect using video and computers.
VISUAL ARTS	I CAN CREATE	Campers will start to create paintings focusing on the backdrop of Alice in Wonderland.
FIELDTRIP	JOHN F. KENNEDY CENTER FOR THE PERFORMING ARTS	TBA TBA

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SUMMER AT THE THEATRE

THEME SESSION 2 WEEK 1 WHEN FREEDOM RINGS July 3rd - July 7th, 2017

Campers will continue to rehearse for the play. They will also discover the importance of stage lighting and how it can set different moods. To celebrate the Nation's birthday the campers will be travelling to Gettysburg for their fieldtrip.

S.T.E.A.M.	LIGHT	Campers will explore how light can travel and how stage light can set different moods.
SPARK	CROSSFIT	Campers will challenge themselves on a daily basis to increase their performance by trying to do more work in less time. They may run, do lunges, pull ups, push ups, squats, and other moves.
THEATRE	ROLES	Campers will make, discuss and assign group decisions to identify responsibilities required to present a play.
DANCE	DANCE PHRASE	Campers will create a dance phrase with beginning, middle and end. Repeat with and without music
MUSIC	JAZZ	Campers will learn about jazz and its influence in today's music.
MEDIA ARTS	ORGANIZE & DEVELOP ARTISTIC IDEAS & WORK	Campers will discover multiple ideas for media artworks through brainstorming and discuss ways to let people know about the upcoming play.
VISUAL ARTS	NON-TRADITIONAL MATERIALS	Campers will create paintings, sculptures & drawing using non traditional materials, eg. Sticks, feathers, plants

FIELDTRIP	GETTYSBURG	TBA	TBA
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**** NO CAMP ON TUESDAY JULY 4TH, 2017 ****

THEME SESSION 2 WEEK 2 PAINT & PROPS - SET DESIGN July 10th - July 14th 2017

Campers will focus on the area of stage design and setup while continuing to rehearse for the play.

S.T.E.A.M.	BUILDING CHALLENGES	Campers will explore a variety of building challenges such as making a zip line, a bridge, windmills, paper helicopters,...
SPARK	TRACK & FIELD	Campers will be training and competing against each other at sprinting, relay races, discus throw, high & long jumping.
THEATRE	SET DESIGN TERMINOLOGY	Campers will create a set design for a play & learn theatre terminology: character, role, setting, story, etc....
DANCE	DANCE PHRASE	Campers will create a dance phrase with beginning, middle and end. Repeat with and without music
MUSIC	BEAT	Campers will experiment using various items to create a beat and rhythm.
MEDIA ARTS	MEDIA FORMS	Campers will discover multiple ways to create media artworks through the integration of multiple forms, such as broadcast
VISUAL ARTS	SIZE AND PERSPECTIVE	Campers will create play backdrop taking size and distance to the audience into consideration.

FIELDTRIP	VOLCANO ISLAND WATER PARK	TBA	TBA
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DATE		FIELDTRIP	DEPARTURE	RETURN
SUMMER AT THE THEATRE				
THEME	SESSION 3 WEEK 1	COSTUME CREATIONS July 17th - July 21st 2017		
This week campers will be creating costumes for the upcoming play.				
S.T.E.A.M.	UPCYCLING	Campers will create costumes and props using recycleable materials		
SPARK	VOLLEYBALL	Bumping, setting and spiking...are some of the terms you will hear at home this week, while campers hone their volleyball skills.		
THEATRE	REFINE TECHNIQUES FOR PRESENTATION	Campers will be able to show they can work effectively as groups and leaders rehearse to bring the play together.		
DANCE	GROUP DANCE	Campers will use their phrase to come up with a group dance.		
MUSIC	EMOTION	Campers will discuss how music can evoke emotions.		
MEDIA ARTS	PURPOSE	Campers will explore how media artworks relate to every day and cultural life		
VISUAL ARTS	COLOR	Campers will explore colors and how they can relate to moods. They will create a piece of art using color to reflect the mood they choose.		
FIELDTRIP		MOVIES		
THEME	SESSION 3 WEEK 2	ROLL OUT THE RED CARPET July 24th - July 28th 2017		
This week campers will be creating costumes for the upcoming play.				
S.T.E.A.M.	LIFE SCIENCE	Campers will discover, discuss and work on Life Science Projects by studying insects, plants, bacteria, and much more.		
SPARK	SOFTBALL	Play Ball! Campers will learn all about fly balls, shadows, groundballs, pitching, hitting and running bases.		
THEATRE	INTERPETING INTENT	Campers will investigate the effects of emotions on posture, gesture & vocal intonation.		
DANCE	CULTURES	Campers will explore dances from different cultures		
MUSIC	KARAOKE	Campers will be able to perform songs for their peers.		
MEDIA ARTS	ETHICS AND RULES	Campers will explore discuss terminology ethics and rules of media artworks such as copyrights		
VISUAL ARTS	CAVE PAINTINGS	Campers will explore cave paintings and then tell their own story in the style of a cave painting.		
FIELDTRIP		SPY MUSEUM	TBA	TBA

OPTIMAL YOUTH CAMPERS WILL BE PERFORMING THE PLAY "OZ!" ON JULY 27TH. PLEASE RESERVE SOME TIME TO COME SEE ALL OF THE HARD WORK THEY PUT INTO THIS PERFORMANCE

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SCIENCE INVASION

THEME	SESSION 4 WEEK 1	POP POP FIZZ FIZZ - July 31st - August 4th 2017		
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S.T.E.A.M.	ENERGY & MATTER	Campers will have daily hands on fun projects to conduct experiments regarding energy and matter.		
SPARK	FIELDHOCKEY	Campers will learn to grip, trap and dribble, pass and accomplish a shot on goal.		
THEATRE	SKITS	Campers will perform short funny skits for their peers		
DANCE	GROUP DANCE	Campers will use their phrase to come up with a group dance.		
MUSIC	CAN U HEAR THE BEAT	Campers will participate in teachers guided music and movement activities		
MEDIA ARTS	GENERATE & CONCEPTUALIZE ARTISTIC IDEAS & WORK	Campers will endure understanding about media arts ideas, works & processes are shaped by the imagination, creative processes & by experiences both within & outside of the arts.		
VISUAL ARTS	I CAN CREATE	Campers will create paintings, sculptures & drawing with a variety of media based on daily themes.		

FIELDTRIP		AIR & SPACE MUSEUM - Steven F. Udvar-Hazy Center	TBA	TBA
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THEME	SESSION 4 WEEK 2	BLACK AND WHITE August 7th - August 11th 2017		
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S.T.E.A.M.	SALT & PEPPER	Campers will conduct experiments using salt & pepper such as comparing weight, salt and ice, salt dough,...		
SPARK	SOCCER	This week our campers will focus on dribbling, passing, shooting, & ball control, as well as team building exercises.		
THEATRE	MAKE A COMMERCIAL	Campers will be able to show they can work effectively with groups and leaders to create a commercial together.		
DANCE	LET'S DANCE	Campers will invent their own dance to accompany a certain music genres		
MUSIC	PIANO	Campers will explore various keyboard instruments		
MEDIA ARTS	BLACK AND WHITE PHOTOS	Campers will create a composition for a b/w photo using the elements of light and shadow		
VISUAL ARTS	BLACK AND WHITE PAINTING	Campers will create a geometric design using only black and white		

FIELDTRIP		CICI'S PIZZA - Restaurant tour & lunch	TBA	TBA
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SCIENCE INVASION

THEME	SESSION 5 WEEK 1	KID-PRENEURS Business & Finance August 14th - August 18th 2017		
This week campers will create business services and products that they will sell. Proceeds will go towards a special field trip or party that the children vote on.				
S.T.E.A.M.	COOL CASH	Campers will have daily hands on fun science experiments using coins.		
SPARK	FOOTBALL	Campers will practice passing, receiving, offense, defense and blocking		
THEATRE	RADIO ONLY	Campers will only use their words and voices to describe and sell their product.		
DANCE	GROUP DANCE	Campers will use their phrase to come up with a group dance.		
MUSIC	JINGLE THIS	Campers will come up with a jingle to advertise their product		
MEDIA ARTS	SELLING YOUR MERCHANDISE	Campers will come up with a way to promote their items for sale.		
VISUAL ARTS	MY MONEY	Campers will create and design their own form of currency		
FIELDTRIP		BUREAU OF ENGRAVING & PRINTING	TBA	TBA
THEME	SESSION 5 WEEK 2	OLS CARNIVAL August 21st - August 25th 2017		
OLS Campers will be hosting a neighborhood carnival for the last week of camp!				
S.T.E.A.M.	COOL CARNIVAL SCIENCE	Campers will conduct experiments - fun with mirrors, soap bubbles etc...		
SPARK	OLS OLYMPICS	This week our campers will compete against each other in a variety of relays and sports		
THEATRE	PERFORMANCE ART	Campers will come up with an astounding circus act - tightrope walking, clowns, etc....		
DANCE	DANCE GAMES	Campers will invent their own game around dancing		
MUSIC	BE-BOP vs HIP-HOP	Campers will learn about Bebop influence on hip hop and create their own rap.		
MEDIA ARTS	POSTERS	Campers will create CARNIVAL posters that will be put up around the neighborhood.		
VISUAL ARTS	FACE PAINTING	Campers will practice painting on each other		
FIELDTRIP		IN HOUSE FIELD TRIP - MAGIC SHOW	TBA	TBA

Please pack **BAGGED**, non-heatable lunches on fieldtrip days. ***Your child must wear the orange*** OPTIMAL camp t-shirt on all fieldtrips. Make sure your child wears appropriate clothing, hat and shoes on field trip days and apply sunscreen at home before your child arrives at camp. Flip flops and sandals are NOT encouraged. OPTIMAL will be closed on August 31st and September 1st for classroom preparation and teacher training.



Have a S.T.E.A.M. filled summer at OPTIMAL

