Welcome to another exciting year of ACE! This year promises to be one of our best ever! Once again, we are offering camps for mid-winter and spring breaks in February and April as well as our annual Thanksgiving camp; SpACEgiving! This year, the Museum will celebrate the 75th anniversary of the end of WWII. Campers will have the opportunity to view a number of special exhibits dedicated to that momentous event. We have also expanded our partnership with Seattle's Living Computers: Museum + Labs and will offer a wider variety of computer-based camps through this partnership. As always, we will continue to enjoy camper favorite activities like the annual visit by the U.S. Navy Blue Angels and more! I am looking forward to all the opportunities we will have to let our campers find their destination!

Our camps are designed to get kids excited about history, science, technology, engineering, and math. ACE offers a unique blend of hands-on educational activities as well as traditional camp fare designed to stimulate a lifelong interest in science. At ACE, campers don’t just learn about airplanes, they get to fly them! Plus, campers get unprecedented access to the largest educational air and space museum in the world! In addition to discovering their scientific selves, campers will also enjoy imaginative games, creative endeavors, and many other fun activities to round out their ACE experience.

I’m counting down the days until I see you this year. 😊

Rich Lynch
ACE Manager
206.768.7141
rlynch@museumofflight.org

Dear Aerospace Camp Experience Families:

Welcome to another exciting year of ACE! This year promises to be one of our best ever! Once again, we are offering camps for mid-winter and spring breaks in February and April as well as our annual Thanksgiving camp, SpACEgiving! This year, the Museum will celebrate the 75th anniversary of the end of WWII. Campers will have the opportunity to view a number of special exhibits dedicated to that momentous event. We have also expanded our partnership with Seattle’s Living Computers: Museum + Labs and will offer a wider variety of computer-based camps through this partnership. As always, we will continue to enjoy camper favorite activities like the annual visit by the U.S. Navy Blue Angels and more! I am looking forward to all the opportunities we will have to let our campers find their destination!

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ACA Accredited
ACE is proud to be an American Camp Association (ACA) accredited day camp. ACE is proud to be an American Camp Association (ACA) accredited day camp. Developed exclusively for the camp profession, this nationally-recognized program focuses on program quality, health, and safety issues and requires us to undergo a thorough review of our operations—from staff qualifications and training to emergency management. ACE voluntarily submitted to this independent appraisal performed by camp experts and has earned the mark of distinction for more on what it means to be an ACA Accredited camp, visit www.campparents.org/funsafety.

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## Aerospace Camp Experience Grade Index:

Please note: Summer camps & SpACEgiving refer to the student’s grade as of Fall 2020.

### Grade Level

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<th>Grade Level</th>
<th>Pre-K</th>
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This winter, to get ready for our biggest, best summer yet, we will open the Museum and its secret collections to our campers! It’s cold outside, but the warm history found throughout the Museum will awaken your camper’s imagination and fly them to a new world! Each day of camp will be a completely self-contained unit, highlighting a specific gallery in the Museum with themes related to the exhibits in each gallery.

**Mid-Winter Warmup**

**Wings of Spring**

**Grades 1-5 • Winter**

**Grades 1-5 • Spring**

**February 17-21**

This winter, to get ready for our biggest, best summer yet, we will open the Museum and its secret collections to our campers! It’s cold outside, but the warm history found throughout the Museum will awaken your camper’s imagination and fly them to a new world! Each day of camp will be a completely self-contained unit, highlighting a specific gallery in the Museum with themes related to the exhibits in each gallery.

**Daily Schedule**

<table>
<thead>
<tr>
<th>DAY</th>
<th>DATE</th>
<th>CODE</th>
<th>GALLERY</th>
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<tr>
<td>MONDAY</td>
<td>FEB 17th</td>
<td>MW01</td>
<td>GREAT GALLERY</td>
<td>Aerospace Overview</td>
</tr>
<tr>
<td>TUESDAY</td>
<td>FEB 18th</td>
<td>MW02</td>
<td>APOLLO GALLERY</td>
<td>Early Spaceflight to Moon Landings</td>
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<tr>
<td>WEDNESDAY</td>
<td>FEB 19th</td>
<td>MW03</td>
<td>RED BARN</td>
<td>Aviation Pioneers/History of Boeing</td>
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<tr>
<td>THURSDAY</td>
<td>FEB 20th</td>
<td>MW04</td>
<td>PERSONAL COURAGE WING</td>
<td>Aviation in WWII and WWI</td>
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<tr>
<td>FRIDAY</td>
<td>FEB 21st</td>
<td>MW05</td>
<td>SIMONYI SPACE GALLERY</td>
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**Pricing**

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<tr>
<td>FULL WEEK</td>
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<td>INDIVIDUAL DAYS</td>
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**Use Code: MW00**

**April 6-10**

This year during Wings of Spring, campers will have the opportunity to explore each of the major themes we offer during the summer! Each day of camp will be a completely self-contained unit, highlighting a single subject. This is a great opportunity to see all that ACE has to offer!

**Daily Schedule**

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<th>DAY</th>
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<tbody>
<tr>
<td>MONDAY</td>
<td>APRIL 6th</td>
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<td>APRIL 10th</td>
<td>W505</td>
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**Use Code: SP00**
Discover the world of science! In our half-day camp series, campers will engage in hands-on activities that support creativity, stimulate imagination, and encourage making friends. Each week, campers will explore a part of our world-class Museum and participate in educational programs that embrace the spirit of exploration and innovation.

**CAMPER-TO-STAFF RATIO:** 5:1

**LOCATION:** The Museum of Flight  
9404 East Marginal Way South  
Seattle, WA 98108

**AM SESSIONS:** 9:00 a.m. to 12:00 p.m.  
**PM SESSIONS:** 1:00 p.m. to 4:00 p.m.

**CAMP PRICING**  
(Unless otherwise noted)

- **Member Price:** $245  
- **General Price:** $295

**Mini Makers**  
**ST01AM/PM + ST01AM/PM**  
**JUNE 15-19 + AUGUST 24-28**  
(See description for AM+PM times)

Campers will use a variety of materials to build and imagine new machines. From lining up dominoes to creating wild knock-down mazes to engineering their own contraptions with LEGO Simple Machines. Campers will experience the wonder and satisfaction of seeing their creations evolve from a simple idea to a working object.

**Dynamic Dinos**  
**ST02AM/PM**  
**JUNE 22-26**  
(See description for AM+PM times)

**CRASH ROAR! IT’S A DINOSAUR!** This week campers will step into a world completely different from their own as they learn what the Earth may have looked like over 65 million years ago! They will explore where dinosaurs lived and what they looked like. Finally, they will examine how paleontologists are learning more and more about dinosaurs every day by studying their modern descendants, the birds.

**Journey to the Moon**  
**ST03AM/PM**  
**JUNE 29-JULY 3**  
(See description for AM+PM times)

What’s it like standing on the Moon? How would people live there? This week, campers will use their imaginations to colonize a world very few have visited. Campers will hop into their rockets, learn about safe space travel, and build a base while imagining life on our Moon.

**Beginner ‘Bots**  
**ST04AM/PM + ST04AM/PM**  
**JULY 6-10 + AUGUST 10-14**  
(See description for AM+PM times)

Learn how robots are part of our everyday life! This week, campers will learn about the fundamentals of flight, manipulate flight controls while sitting in real airplanes, discover what an air traffic control operator does, and even build their own airports!

**Boomers for Beginners**  
**ST05AM/PM + ST05AM/PM**  
**JULY 13-17 + AUGUST 17-21**  
(See description for AM+PM times)

3…2…1…Blast Off! Discover the wonders of rocketry and what it takes to get to space. Campers will learn about the planets in our planetarium, how we got a man on the Moon, and why astronauts wear space suits. Campers will be able to build and launch different types of indoor rockets!

**Ready for Takeoff!**  
**ST06AM/PM**  
**JULY 20-24**  
(See description for AM+PM times)

What does it take to be a pilot? Campers will find out this week! We will learn about the fundamentals of flight, manipulate flight controls while sitting in real airplanes, discover what an air traffic control operator does, and even build their own airports!

**Planets, Comets, and Asteroids**  
**ST07AM/PM**  
**AUGUST 3-7**  
(See description for AM+PM times)

The skies above us are full of many wondrous and amazing objects! From galaxies of stars to moons and satellites, this week campers will learn about the incredible mysteries of the night skies! They will also explore the various methods we use to see to we ever deeper into our cosmos.
Explore science through fun and exciting hands-on activities and games. Each week, campers will be encouraged to find their inner scientist by participating in a variety of adventures and activities. Campers make models, toys, and crafts to take home every day.

CAMPER-TO-STAFF RATIO: 5:1

LOCATION: The Museum of Flight
9404 East Marginal Way South
Seattle, WA 98108

CAMP PRICING (unless otherwise noted):
Member Price: $370 · General Price: $420

**Flight Camp**

**Spy Camp**

**FC01-FC08B**

JUNE 15-19 · AUGUST 3-7

This week we’ll show you the world of a super-secret spy! The Museum is home to the world’s only M/D-21 Blackbird as well as a large collection of spy drones! Learn how to crack codes, send secret messages and be a super-secret spy for the week!

**Blast Off!**

**FC01B-FC03B**

JUNE 15-19 · AUGUST 24-28

What does it take to get into space? Lots of rocket power! Learn about different rockets to see which ones climb the highest, go the farthest, or fly the fastest. Design your custom space cruiser and then bring it to life! Build and launch different types of rocket crafts all week long.

**Fossilized Flyers**

**FC02**

JUNE 22-26

Journey back with us to the land before time! This week campers will learn how the planet’s earliest fliers first took wing and become junior paleontologists as they explore the world of the dinosaurs! From giant dragonflies to pterodactyls, this week’s activities will help us learn about the mechanisms of prehistoric flight.

**Digital Dynamos**

**FC03**

JUNE 22-26

How do robots work? How does a computer get the right answer? This week, campers will take their first steps to becoming computer programmers. Using programmable robots such as BeeBots® and Ozobots, we'll begin to learn how to communicate with robots.

**Master the Milky Way**

**FC04**

JUNE 29-JULY 3

Explore the mysteries of deep space! Can you see a black hole? Do you think there are extraterrestrials on other planets? From a man on the Moon to rovers on Mars to deep space telescopes like Hubble, learn about our galaxy and the ways humans have been exploring it.

**Action ‘Bots!**

**FC06-FC09B**

JUNE 29-JULY 3 · AUGUST 10-14

Robots are all around us, but what makes them different from other machines? Campers will explore the world of robotics using BeeBots® and LEGO® kits to explore how robots can be programmed to perform different tasks.
Explore the world of aviation through stomp rockets, rubber band-powered airplanes, and mechanical birds! Build a variety of paper airplanes and figure out which ones fly the highest or glide the farthest. Use flying toys from around the world like kites, boomerangs, taketombos, and more!

Machines are everywhere! Our world is full of machines that help us in many ways. This week, campers will explore the world of machinery and moving parts. Learn to build simple machines using everything from household items to LEGO Simple Machine kits.

What makes stars twinkle? How is a rainbow formed? This week campers will seek to understand the magic of the world around us using science. By exploring natural phenomena through hands-on activities and experiments, campers will begin to explore the wonders of the universe.

What do you get when you cross a robot and an airplane? A drone! This week, campers will learn about the exciting world of drones! Using simple drones, robotics kits, and crafts, campers will explore some of the ways drones are changing our lives every day.

How did people reach for the skies before they had airplanes? From the giant man-lifting kites of the ancient Chinese to the Montgolfiers’ balloon, campers will explore all the ways people explored the skies in the centuries before the Wright Brothers were born.

Register your camper at museumofflight.org/ACE
Explore our universe! Through a variety of educational programs, activities, and games, campers will learn how science lets us understand the cosmos. Each week, we will discover different ways in which we use technology to expand our knowledge of the Earth and beyond!

CAMPER-TO-STAFF RATIO: 6:1
LOCATION: The Museum of Flight
9404 East Marginal Way South
Seattle, WA 98108
CAMP PRICING (unless otherwise noted):
Member Price: $385 • General Price: $435

Orbital Pioneers
Grades 2–3 in Fall 2020 • Summer

**Orbital Pioneers**

**JUNE 15-19 • JULY 20-24**

**Early Engineers**
Engineer bridges and buildings and explore the fundamentals of simple mechanics. Learn how to build the strongest structure or longest bridge. Later in the week, use LEGO Simple Machines to experiment with moving parts.

**Programming Pioneers**
Can robots think? How do they know what to do? This week, we begin to answer these questions and explore the world of robotics! Campers will spend the week learning to build and program robots to perform simple tasks using LEGO kits and BeeBots.

**JUNE 22-26**

**Cracking the Code**
Did you know that robots and computers have their own languages? It's called code and this week, campers will begin to learn some of the ways people communicate with machines through programming. Campers will work with different programmable robots such as Dash & Dot and Ozobots.

**JUNE 29-JULY 3**

**Living in Space**
What's it like to live in space? How can you drink a glass of water without gravity? Is space food different than real food? The challenges of living and working in space have led to remarkable innovations. This week campers will learn about these challenges and how we are striving to overcome them.

**JUNE 22-26**

**Rockets for Rookies**
How many different rockets can you make in a week? This week you will get to build stomp rockets, balloon rockets, model rockets and more. Learn about the concept of lift and experiment with your designs to learn how to optimize your rockets.

**JUNE 15-19 • AUGUST 3-7**

**Engineer bridges and buildings and explore the fundamentals of simple mechanics.**

**JUNE 29-JULY 3**

**What’s it like to live in space? How can you drink a glass of water without gravity? Is space food different than real food?**

**JUNE 22-26**

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**JUNE 15-19 • AUGUST 3-7**

**Can robots think? How do they know what to do? This week, we begin to answer these questions and explore the world of robotics! Campers will spend the week learning to build and program robots to perform simple tasks using LEGO kits and BeeBots.**
Calling all future engineers! This week we’ll design and build our own creations using a variety of materials and kits. We will learn about some of the difficulties real engineers like Leonardo da Vinci faced and the solutions they created in making real machines.

**How to Fly your Dinosaur**

**July 13-17**

From the pterosaurs to archaeopteryx, prehistoric skies were filled with wondrous and amazing creatures! This week campers will discover the various methods ancient creatures used to take flight. Campers will also explore the methods scientists are using today to learn more about these incredible animals.

**Discovering da Vinci Drone Patrol**

**July 6-10**

Here at ACE, we think drones are really cool! This week, you’ll learn how drones can do anything from delivering mail to saving lives. Campers will even have the opportunity to pilot a drone themselves. Come to camp this week and discover a whole new side of aviation!

**Robo Rovers**

**July 13-17 - August 24-28**

How can people explore Mars and the Moon without leaving the Earth? Why, rovers of course! Learn all about these robotic vehicles and how rovers have helped humans learn about our world and beyond! Use LEGO Simple Machines, and LEGO Wedos to create your own robotic wheels.

**Heroes of Aerospace**

**July 20-24**

If you can dream it, you can do it! Throughout history, many diverse people have been an integral part of our journey to the sky and beyond! This week campers will learn about the significant contributions that women and people of color have made to the exploration of the galaxy as inventors, aviators, astronauts, scientists, and engineers.

**The Spectacular Blue Angels**

**July 27-31**

The Blue Angels are back! Do you hear that roar of the engines? Can you smell the sweet scent of jet fumes? They’re back! Hurray! The Blue Angels return for another week of high flying excitement!

**Birds, Bats & Bugs**

**August 3-7**

It’s a bird! It’s a plane…No, wait; it really is a bird! Join us for a week of things with wings as we discover the many amazing flying animals in the world around us. Campers will learn how flying creatures inspired mankind’s early efforts to take to the skies!

**Tour the Solar System**

**August 17-21**

Tighten your Kuiper belt as you make an intergalactic passport from Sol all the way out to the Oort cloud! At each stop campers will learn about how we explore our Universe. Hands-on activities and crafts include making a miniature greenhouse to understand why Venus is so hot and building robotic rovers to see how we learn about Mars.

**Weird Science**

**August 24-28**

Space clouds that taste like raspberries! Continents that move and change shape! Giraffes! These are just a few strange phenomena in our universe that scientists have sought to explain. This week campers will explore some of the strange and amazing discoveries that science has given us, and maybe even make a few of their own!
This summer campers will begin to gain a greater understanding of STEM topics through increasingly immersive experiences and activities. Each week, our knowledgeable staff will lead campers through exciting and educational programs, games, and crafts.

CAMPER-TO-STAFF RATIO: 8:1

LOCATION: The Museum of Flight
9404 East Marginal Way South
Seattle, WA 98108

CAMP PRICING (unless otherwise noted):
Member Price: $395
· General Price: $445

PLEASE NOTE: For AE02 and AE05 campers will be signed in and out at Living Computers: Museum + Labs at 2245 1st Ave S, Seattle, WA 98134 on Tuesday and Thursday. There will be no extended care available on Tuesday or Thursday.

Aerospace Explorers

Grades 4-5 in Fall 2020 • Summer

**Junior Flight School**

**JUNE 15-19**
Charlie – Alpha – Mike – Papa – Echo – Romeo – Sierra!
Do you have what it takes to become a pilot? Learn how pilots plan a flight, communicate with the tower and navigate the skies. Meet with pilots and flight instructors to learn all about modern aviation.

** SHALL WE MAKE A GAME?**

**JUNE 22-26**
Campers will learn the basics of game design in this exciting partner camp between The Museum of Flight and Living Computers. Museum + Lab: Using both high- and low-tech tools, campers will create and code their own games with exclusive access to Living Computers’ collection of vintage games and consoles.

**Super Soaring Spaceships!**

**JUNE 28-JULY 3**
Follow the development of space exploration from early rockets to the latest programs of companies like Blue Origin and SpaceX! Experiment with different rocket designs to see which will soar higher and go faster. Design and create the spaceship of your dreams!

**The Drone Ranger**

**JULY 6-10**
Modern drones are capable of performing amazing tasks! From drones that fly into collapsed buildings to search for survivors to those that can fly over vast forests to spot the first signs of a fire, these automated flying machines are making life better than ever imagined. This week, campers will fly their own drones and begin to understand the potential of these phenomenal machines.

**Robot Coders**

**JULY 13-17**
Learn how to design, test, and program LEGO Mindstorms robots to complete challenges like navigating an obstacle course. In this new partner camp between The Museum of Flight and Living Computers Museum + Labs, campers will also get to experience living Computers’ one-of-a-kind collection of robots, video games and vintage computers.

**Rube Goldberg Machines**

**JULY 20-24**
Can you build a better mousetrap? Much like the mad scientists and engineers of today, we’ll spend our time designing and building machines to perform simple tasks. At the end of the week we’ll test our machines to see if our ideas really work!

**The Spectacular Blue Angels**

**JULY 27-JULY 31**
They’re back! The action is here at Seattle’s home base for the world-famous Blue Angels! Be in the middle of the action for the walk-downs, take-offs and landings. Learn what it takes to become a Blue Angel pilot.
AUGUST 3-7
Discover the wonders of vertical flight! Learn how helicopters and other VTOL craft have changed the face of construction, firefighting, search and rescue, medical transport, aerial observation, and more. Learn about the birth of vertical flying machines, create hovercrafts and other vertical flying objects.

AUGUST 10-14
It’s time to say, hello! to the amazing world of robotics! Learn about the robots that you have in your home and use every day. Create different rovers that can pick up objects, complete an obstacle course, or engage in exciting tournaments.

AUGUST 17-21
What do light, sound, and the ocean have in common? Waves! This week discover how waves shape the way we experience the world around us and how we use our knowledge of their nature to create new and innovative technologies. Using observation and experimentation, campers will expand their understanding of waves and their effects.

AUGUST 24-28
Today we are surrounded by common place technology, like cell phones or electric cars. That would have seemed miraculous even fifty years ago! This week we will explore some of the advances in engineering that have changed our everyday lives in recent years and try to imagine some of the new inventions that might change our lives in the future.

Explore science and technology through a variety of hands-on activities and programs! Build robots, launch rockets, design planes, and so much more! Campers may take a field trip to a location of relevance to the week’s theme.

CAMPER-TO-STAFF RATIO: 10:1
LOCATION: The Museum of Flight
9404 East Marginal Way South
Seattle, WA 98108

CAMPER PRICING (unless otherwise noted):
Member Price: $425 · General Price: $475

PLEASE NOTE: For PV03 and PV06 campers will be signed in and out at Living Computers: Museum + Labs at 2245 1st Ave S, Seattle, WA 98134 on Tuesday and Thursday. There will be no extended care available on Tuesday or Thursday.
Register your camper at museumofflight.org/ACE

**JUNE 15-19**
Ready…set…battles! Spend the week building robots from our LEGO Mindstorms parts and competing with them in different challenges. Build robots to compete in Sumo and Pick-up challenges as well as negotiating obstacle courses.

**JUNE 22-26**
What is it like to live on the International Space Station? This week, campers will explore the wonders of a world without gravity as they create and test real space suits. Campers will also take a tour of the full fuselage trainer where all of the shuttle astronauts trained, and make a visit to Mars in our Challenger Learning Center.

**JULY 20-24**
Level up this summer in this new partner camp between The Museum of Flight and Living Computers: Museum + Labs! Using tools like Bloxels and Scratch, gamers will develop professional skills as they design, code, and build games of their very own, using Living Computers’ collection of vintage games and consoles.

**AUGUST 8-12**
Did you know that a cell phone and a light bulb operate using the same electronic principles? This week we will dive into electrical engineering and innovative energy generation by learning how a solar panel works, building electrical devices and experimenting with different batteries.

**JULY 27-31**
WELCOME BACK BLUE ANGELS! Join the Museum in celebrating the return of the world-famous Blue Angels! Spend your week learning about high-performance airplanes and what it takes to fly them. Watch breathtaking aerobatics performed by some of the world’s finest pilots.

**AUGUST 17-21**
Have you ever built a drone?! Do you want to learn how? Join us as we all learn about what goes into the manufacturing of drones. Throughout the week, we will be learning the names and uses of various components of a drone as we build our own to test fly.

**AUGUST 24-28**
This week, we will test, tweak, and prepare our drones for a competition later in the week. *Please note, campers who did not participate in session 1 will be issued a pre-made drone for the week.*
Advanced Camp
Grades 8–9 in Fall 2020 • Summer

Each week campers will pilot a small airplane around the Puget Sound with a certified flight instructor from Galvin Flying. Each camp includes an overnight adventure on Thursday.

CAMPER-TO-STAFF RATIO: 11:1
LOCATION: The Museum of Flight
9404 East Marginal Way South
Seattle, WA 98108
CAMP PRICING (unless otherwise noted): Member Price: $490 • General Price: $540

AC03 Space Training
JUNE 29–JULY 2
Learn about spaceflight and its effects on the body. Spend a day having a SCUBA adventure in a local pool where you get to experience neutral buoyancy. On Thursday, study the skies at Battle Point Observatory on Bainbridge Island and then camp for the night at Kitsap Memorial Park.

MEMBER PRICE: $145 • GENERAL PRICE: $175

AC04 Digital DJs
JULY 6–10
Get ready to drop some beats in this all-new partner camp between The Museum of Flight and Living Computers: Museum + Labs! Using online tools like EarSketch and Scratch together with high- and low-tech artifacts, campers will cut, splice, mix, and share their own digital audio tracks using Python coding. Spend Thursday night at the Museum of Flight.

MEMBER PRICE: $565 • GENERAL PRICE: $615

AC05 History Alive
JULY 13–17
Have you ever wondered what it takes to step into the past and become a character from history? This week, campers will find out as they reenact a character from the past. Campers will choose their own character, develop that character, and ultimately present the character. At the end of the week, campers will take a field trip to Fort Nisqually and experience a day in the life of a Living History professional. Spend Thursday night at The Museum of Flight.

MEMBER PRICE: $565 • GENERAL PRICE: $615

AC06 Dueling Drones
JULY 20–24
Grab your remotes, and get ready to rock! This week, campers will learn about the capabilities and limitations of drone aircraft through a variety of challenges and competitions. Campers will become pilots as they experience flying full scale drones. Spend Thursday night at The Museum of Flight.

MEMBER PRICE: $565 • GENERAL PRICE: $615

AC07 Digital DJs
NEW!
JULY 6–10
Using online tools like EarSketch and Scratch together with high- and low-tech artifacts, campers will cut, splice, mix, and share their own digital audio tracks using Python coding. Spend Thursday night at the Museum of Flight.

MEMBER PRICE: $565 • GENERAL PRICE: $615

AC08 History Alive
NEW!
JULY 13–17
Have you ever wondered what it takes to step into the past and become a character from history? This week, campers will find out as they reenact a character from the past. Campers will choose their own character, develop that character, and ultimately present the character. At the end of the week, campers will take a field trip to Fort Nisqually and experience a day in the life of a Living History professional. Spend Thursday night at The Museum of Flight.

MEMBER PRICE: $565 • GENERAL PRICE: $615
**Seafair Science**

**JULY 27-31**

Spend the week discovering the science of Seafair. Learn about the dynamics of high-performance jet flight. Visit the hydroplane pits and see the similarities between hydroplanes and airplanes. Spend Thursday night at The Museum of Flight.

**Robotics Master**

**AUGUST 3-7**

Explore how to design, build, program, and maneuver different robots using an amazing range of robotics kits. Meet with people who work with robots in aviation and aerospace. Spend Thursday night at The Museum of Flight.

**Flight Dynamics**

**AUGUST 10-14**

Oh, no! We're lost at sea and our phone is out of power! What do we do now? Look up!! From the first journeys across the sea to the first steps on the Moon, people have found their way to the stars! This week campers will discover how to find their way to any place they care to go using a few simple instruments, the open skies above, and a little knowledge! An overnight experience (possibly offsite) from Thursday to Friday is included.

**ACE Counselor Apprentice Program**

**Grades 10-12 in Fall 2020 • Summer**

**JUNE 22-26**

The Counselor Apprentice Program is a summer long program in which participating students learn the skills required to work at a summer camp. Each apprentice will spend time interacting with campers, developing programs, assisting camp leaders in preparing for camp programming, and helping with other camp-related duties. Apprentices may occasionally participate in off-site adventures during training or over the summer. All new apprentices must attend the one week training program offered June 22nd – 26th from 9:00 a.m. - 4:00 p.m. each day (returning apprentices need not participate in this training). Following training, each apprentice must volunteer a minimum of 35 hours at camp over the remainder of the summer. Apprentices will work with the Apprentice Lead to create their own volunteer schedule.

**CAMP PRICING:**

- **Member Price:** No Cost
- **General Price:** No Cost

**ACE 2020 | 27**
Now that Thanksgiving dinner is finished there are still three days of vacation left! At ACE, we think the holiday is just the beginning because Black (Hole) Friday is the first day of SpACEgiving!!! For three days, campers will learn about space as we talk turkey about our Solar System! Each day we will celebrate our neighbors in the Solar System including the Sun, all eight planets, dwarf planets, the Asteroid Belt, and beyond. So come join us for our celebration of ACE’s favorite fall holiday!

**SP01**

**MEMBER PRICE**

$245

**GENERAL PRICE**

$295

**REGISTRATION:**

You can register for ACE online at www.museumofflight.org/ACE

**CAMP HOURS:**

Half day camp sessions run Monday thru Friday, 9 a.m. to 12 p.m. & 1 p.m. to 4 p.m.

Full day camp sessions run Monday thru Friday, 9 a.m. to 4 p.m.

**EXTENDED CARE:**

Extended Care is available from 7 - 9 a.m. Monday – Friday and 4 - 6 p.m. Monday – Thursday. There is no afternoon Extended Care on Fridays. Campers in extended care are supervised by our ACE staff and will play games, read books, draw, color, and participate in other activities.

**COST:**

AM or PM, $50 • AM & PM, $90

**WEEKLY CAMPER RECOGNITION:**

On Friday afternoons, ACE families are invited to come to the Museum to celebrate their child’s achievements from the previous week and meet their counselors. The activity begins at 4:30 p.m. and includes a slideshow of the week’s activities. Each camper receives a certificate of completion noting their accomplishments.

**PAYMENTS:**

Payment in full can be made at the time of registration. Otherwise, a $50 non-refundable deposit is required at registration, with the balance due 30 days prior to the start of camp. For registrations made within 30 days of the start of camp, full payment is required at the time of registration. To make payments over the phone, call reservations at 206.764.5867.

**CAMPERSHIPS:**

This year we hope to offer an amazing ACE experience to as many campers as possible. Camperships are available due to the generosity of several anonymous donors. To apply for financial assistance, download the application from our website or call the ACE Coordinator.

**CHANGES:**

There is a $25 service fee charged to transfer between sessions.

**CANCELLATIONS:**

The $50 deposit is non-refundable. The remaining balance will be refunded for cancellations made no later than 2 weeks prior to the session start date. No refunds will be given within two weeks of the session start date. There is no refund for partial camp attendance.

**STAFF:**

ACE staff are a diverse group of people and often includes college students, teachers, and even pilots! All staff members are subject to background checks, have experience working with children, and are trained in CPR & First Aid.
2020 Aerospace Camp Experience Calendar:

<table>
<thead>
<tr>
<th>CAMP CODE</th>
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<th>GRADES</th>
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<tr>
<td>SUMMER - WEEK 1 (JUNE 22-26)</td>
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<tr>
<td>Junior Flight School</td>
<td>AE01</td>
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<tr>
<td>Early Engineers</td>
<td>OP01</td>
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<td>Blast Off!</td>
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<td>Spy Camp</td>
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<td>Mini Makers ST01PM</td>
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<td>Mini Makers ST01AM</td>
<td>PreK-K</td>
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| SUMMER - WEEK 2 (JUNE 29-JULY 3) |
| Living in Space | OP03 | 2-3 | $385 | $435 |
| Discovering da Vinci | OP03B | 2-3 | $385 | $435 |
| Super Soaring Space Ships | AE03 | 4-5 | $395 | $445 |
| Journey to the Moon | ST03PM | PreK-K | $245 | $295 |
| Journey to the Moon | ST03AM | PreK-K | $245 | $295 |

| SUMMER - WEEK 3 (JULY 6-10) |
| Fantastic Flying Toys | FC04B | K-1 | $370 | $420 |
| *NEW* Matter in Motion | OP04 | 2-3 | $385 | $435 |
| Drone Patrol | OP04B | 2-3 | $385 | $435 |
| Droids vs Drones | AE04 | 4-5 | $395 | $445 |
| Action 'Bots | FC03B | K-1 | $370 | $420 |
| Master the Milky Way | ST03K | K-1 | $370 | $420 |
| Journey to the Moon | ST03PM | PreK-K | $245 | $295 |
| Journey to the Moon | ST03AM | PreK-K | $245 | $295 |

| SUMMER - WEEK 4 (JULY 20-24) |
| Robotics Master | AC08 | 8-9 | $490 | $540 |
| Air-to-Air Fighter Pilots | PV08 | 6-7 | $425 | $475 |
| Rotor Blades of Glory | AE08 | 4-5 | $395 | $445 |
| Programming Pioneers | OP08B | 2-3 | $385 | $435 |
| Birds, Bats, and Bugs | OP08 | 2-3 | $385 | $435 |
| Spy Camp FC08B | K-1 | $370 | $420 |
| *NEW* Aerial Oddities | AE08 | 4-5 | $395 | $445 |
| Planets, Comets, and Asteroids | ST08PM | PreK-K | $245 | $295 |
| Planets, Comets, and Asteroids | ST08AM | PreK-K | $245 | $295 |

| SUMMER - WEEK 5 (JULY 27-JULY 31) |
| How to Fly Your Dinosaur | OP05 | 2-3 | $385 | $435 |
| Robo Rovers | OP05B | 2-3 | $385 | $435 |
| Destination Mars | PV05 | 6-7 | $425 | $475 |
| *NEW* Robot Coders | AE05 | 4-5 | $395 | $445 |
| Aerodynamics | PV04 | 6-7 | $455 | $505 |
| Space Training | AC03 | 8-9 | $455 | $505 |
| Cybernetic Slueths | FC04 | K-1 | $370 | $420 |
| Beginner 'Bots ST04PM | PreK-K | $245 | $295 |
| Beginner 'Bots ST04AM | PreK-K | $245 | $295 |

**April 6-10**

- Mid-Winter Warmup - Tuesday MW01 1-5 $82 $92
- Mid-Winter Warmup - Monday MW02 1-5 $82 $92
- Mid-Winter Warmup - Wednesday MW03 1-5 $82 $92
- Mid-Winter Warmup - Thursday MW04 1-5 $82 $92
- Mid-Winter Warmup - Friday MW05 1-5 $82 $92

**February 17-21**

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**June 15-19**

**SUMMER - WEEK 1**

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<td>Wings of Spring - Aviation</td>
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**June 22-26**

**SUMMER - WEEK 2**

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