



SPACE VOYAGE SUMMER CAMP 2020

STEM ENRICHMENT "THINKING LIKE AN ASTRONAUT" HANDS-ON, IMMERSIVE PROGRAMS FOR AGES 6 TO 16

\$323 to
\$399/week

Come for one or more weeks. Pathfinder, Cadet and Intern programs are offered in all weeks.
Program Location: Summit Ridge Middle School 11809 W Coal Mine Ave Littleton, CO 80127
Camp Hours: 8:00 am to 3:00 pm Free extended hours: 7:30 am to 8:00 am; and 3:00 pm to 3:30 pm

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Celebrating our 29th Space Voyage Summer Camp!

Space Voyage offers an intensive program of learning and confidence building within a space motif. Space Voyage brings to life the importance of math and science, builds confidence through genuine achievement, creates a sense of belonging, and offers a fun and fantastic place for kids to learn and grow. Based in cooperative learning, the program uses learning teams where everyone can achieve. Space Voyage Summer Camp can be a first-time experience for beginning students or a continuation of space flight studies for returning students. This camp is designed for students with an interest in the area of science, technology, engineering, the arts, and math. This STEM camp immerses students in "thinking and working as-if they are astronauts."

Why attend Space Voyage? Space Voyage offers the environment and the encouragement for students to work hard and play hard while developing a strong work ethic. Pathfinders explore STEM technologies and learn about space, team work and new possibilities. Cadets and Interns use strengths to overcome weaknesses and develop the skills to achieve in school and beyond.

A Flight Director once described Space Voyage as one-part Montessori school, one-part Disney World and one-part Santa's House... A joyful place to learn, make new friends and achieve. We offer a competency based curriculum that immerses students in the world of being an Astronaut, research scientist, and artist. The program is progressively challenging, while meeting the unique learning needs and styles of each student.



Launching air-water rockets at camp. FUN!

Shuttle Flight and Space Station Simulators

For the Pathfinders (ages 6-8), the program is one of awareness and exploration. With hundreds of activities to select from, the instructors design week-long programs unique to the strengths and interests of the participants. Like Cadets, every Pathfinder is able to earn their own Space Flight Medal of Honor. Requirements are process based and include: Do your best; Ask questions; Tell the instructors what you need; and Work as a team when asked. Pathfinders work with the Program Director to create a unique mission crew patch which is used as a new notebook cover, wall art and in other ways during their week at camp.

In the Astronaut Cadet program (ages 9-16), students join a crew or team with other cadets, making a unique crew patch for the program week and tackling the level's challenges together. Crews explore and master the complex operations involved in space flight by building and managing a functioning space station during the capstone experience of the cadet week: the Space Voyage Simulation or "Time Study."

In the Space Voyage Intern Program (ages 15+) students are immersed in a leadership experience working with staff and cadet crews. Interns may or may not have had prior experience with the program.

About The Camp Staff

Dr. Palmere has an extensive background in inspiring, motivating, and empowering high-potential students. Dr. Palmere has led the Space Voyage programs since 1987, immersing students in "thinking like an astronaut" and encouraging skill development in the areas of problem solving, communication, teamwork, aeronautics and leadership. Dr. Palmere holds a B.S. in Biological Science, a Master's degree in Educational Psychology and a double doctorate in Psychological and Cultural Studies, and School Administration, Curriculum and Instruction.

Camp Counselors and Certified Instructors at Space Voyage Summer Camp are carefully screened, knowledgeable, are good role models, great teachers and communicators, and have strong character. We plan on having one staff member for every six participants (1:6). Cadet mission crews are assigned a primary instructor, and a Flight Director is responsible for all crews and Instructors each week. Dr. Palmere, as the Program Director serves as the Primary Instructor for all Pathfinders.



Cadets Using Space Voyage Flight Decks

To be successful, students should:

- 1) Be interested in space flight or being an astronaut
- 2) Be capable of independent work
- 3) Have the maturity of a child his or her own age

The programs at Space Voyage Summer Camp are organized by level, with each level having specific requirements in knowledge, skill, confidence, teamwork and experience. This summer, Space Voyage offers three types of programs: Pathfinder awareness programs (ages 6-8); Astronaut Cadet programs for (ages 9-16); and the Space Voyage Leader Interns (14 and above).



Everyone Earns Their Own Medal

Specific objectives for each program are given to the students at the beginning of the program week. Instructors and Camp Counselors assist, guide, and monitor progress of each student, signing off requirements upon completion. When all objectives are complete, the Flight Director formally recommends the student for recognition of completion of that level. At an awards ceremony, a Space Flight Medal of Honor is presented. Space Voyage Summer Camp is designed for every student to achieve.



Crew Working Together and Fully Engaged

Astronaut Pathfinder Programs: For ages 6-8

Programs are based on grade level the student is entering in the coming fall:

- Pathfinder 1 - Entering First Grade
- Pathfinder 2 - Entering Second Grade
- Pathfinder 3 - Entering Third Grade

In the Pathfinder Program, focus is on awareness and exploration of space studies through hands-on activities. Pathfinders are responsible for creating a crew patch as a team and create a variety of artistic projects which can be taken home and enjoyed during the school year.

About the Astronaut Cadet Level: For ages 9-16

The different cadet levels are based on the knowledge, skill, confidence and experience needed to complete the objectives for that level. The cornerstones of our achievement model are: the scientific method, vision, persistence, and sustained effort. Each level of achievement builds on the one before, allowing the students to experience an open-ended and sophisticated learning experience that takes place over time.

Description of Astronaut Cadet Levels

Level 1 Exploration and introduction to spaceflight mission planning, space flight operations, space station construction and teamwork.

Level 2 Mastery of spaceflight mission planning, shuttle flight, space pod control, flight documentation and teamwork.

Level 3 Proficiency in space operations. Successful construction of a space station and management of a research project aboard their Space Station. Passing this level is contingent on passing an Oxford style oral exam with a council of their peers.

Level 4 Expertise in space operations. Successful construction of a space station and management of multiple research projects aboard their Space Station. Passing this

level is contingent on passing an Oxford style oral exam with a council of their peers.

Level 5 Author a novel or radio drama based on actual events that might occur aboard a space station. Level 5 cadets share their knowledge, expertise and passion about space flight.

Level 6 Contributor / Inventor. Work with senior staff to invent, design and help certify a new technology that can be used at Space Voyage. Space Voyage defines a technology as any thing you can interact with and learn from.



Cadet Working on Her Simulation. Her Mission Patch is Chair Art.

Space Intern Program: For ages 14 and Above

This leadership program immerses high school students and college students in a leader-in-training program. Interns work under the direction of Dr. Palmere and will learn about leadership first hand. Participating students will have the opportunity to observe, read about, apply their new knowledge, and reflect with senior staff. The leadership models used will be based on the Space Voyage Instructor Certification program as L5 Leadership and the work of John C. Maxwell and others. Upon successful completion of their internship, each student will receive a Certificate of Achievement, be able to list the internship experience on college applications, and may



Pathfinders Sharing Crew Mission Patches and Medals

use Space Voyage as a reference. For questions, please call Dr. Palmere.

Joining The Staff

Space Voyage is a student led program under the direction of the program director. Cadets demonstrating proficiency, by completing Level 3, can apply to the Student Instructor Apprentice (SIA) program. Upon completion of their apprenticeship they are "certified" as Space Voyage Instructors and become paid staff. Instructors continue to achieve cadet levels during weeks they are not serving as instructors. Space Voyage Instructors are immersed in a leadership competency program consisting of five tiers or levels of responsibility.

SPACE VOYAGE SUMMER CAMP PROGRAMS (Come for one or more weeks. All programs offered in all weeks.)

Pathfinders - Grade 1 through grade 3; Ages 6 to 8

Astronaut Cadets - Level 1 through level 5 for Grades 4 to 9; Ages 9-16.

Space Voyage Leadership Interns – Entering Grades 9 through 12 and college students

CAMP WEEKS, DATES and FEES: Base fee before discounts, for each five day camp week is \$399

ID	2020 PROGRAM WEEKS & DATES	
S1	Week 1: June 1 - June 5 (5 days)	\$399
S2	Week 2: June 8 - June 12 (5 days)	\$399
S3	Week 3: June 15 - June 19 (5 days)	\$399
S4	Week 4: June 22 – June 26 (5 days)	\$399

ID	2020 PROGRAM WEEKS & DATES	
	June 29—July 3	NO CAMP THIS WEEK
S5	Week 5: July 6 – July 10 (5 days)	\$399
S6	Week 6: July 13 – July 17 (5 days)	\$399
S7	Week 7: July 20 – July 24 (5 days)	\$399

If you attended camp previously, be sure to use for your "Loyal Family Coupon." Contact us if you need it resent to you.

REGISTRATION PROCESS... REGISTER EARLY AND SAVE MONEY !

The earlier you register for camp the more you can save through our Early Bird Registration Program.

SUPER EARLY BIRD \$344 Register by **February 28th** and each week of camp, for each child is discounted to \$344 (\$55 off each week.)

EARLY BIRD \$364 From March 1st through **April 3rd** each week of camp, for each child is discounted to \$364 (\$35 off each week.)

LATE EARLY BIRD \$379 From April 4th through **May 4th**. Each week of camp, for each child is discounted to be \$379 (\$20 off each week.)

REGULAR PRICE \$399 After **May 5th** and until sessions fill or camp starts, each week of camp is \$399 (for each week for every child.)

Family Discounts: In addition to the Early Bird Discounts, receive an additional 5% for signing up for more than one week. This could be one child coming for two or more weeks, or more than one family member coming to camp in the summer. If you have more than one week of camp in your family's summer plan, you will receive an additional 5% off every week of camp.

How To Register:

- 1) Review the brochure and website for information. Check the website for availability for your program and week. <https://spacevoyage.com/availability.php>
- 2) Actual registration can be completed online by Credit Card, by Paypal or by Mail. For online registration, see the web site for specific instructions.
- 3) To register by mail, simply complete a registration form (one per child) and mail it to us with payment. To save time, you can download and print the Liability Waiver and Medical Form and include it with your registration. Use the fee schedule above and a 5% discount for multiple weeks (if applies).
- 5) Upon receiving your registration, either by mail or online, we will send you: a Letter of Confirmation, Receipt, Invoice (if applicable), and a Medical Form and Liability Waiver.
- 6) RE: Medical Forms and Liability Waivers. Registration is not complete until we have these forms. No child may attend at camp without a completed Medical Form and Liability Waiver on file. If you need help please call Dr. Palmer at 303-985-3143.

2020 Space Voyage Summer Camp - Registration Form

Please complete one application per child. Then, mail in with payment. Or, register online.

Mailing Address: Space Voyage Summer Camp 1504 South Johnson Court Lakewood, CO 80232

Student's Name _____ Age ____ Gender: ____ Shirt Size _____ Grade in School Next Fall _____

School _____ Favorite Subjects _____ Teacher's Name _____

Home Phone _____ Address _____ City _____ State ____ Zip _____

Guardian 1 _____ Work Phone _____ Cell Phone _____

Guardian 1 E-mail Address _____ Please E-mail / Mail me the receipt. (circle one)

Guardian 2 _____ Work Phone _____ Cell Phone _____

Guardian 2 E-mail Address _____ Please E-mail / Mail me the receipt. (circle one)

Please include my child in the program weeks Car Pool List and E-mail it to me? Yes No

Program (Pathfinder, Cadet or Intern)	Session & Dates	Base Fee	Early Bird Price	Sub-Total
		\$399		
		\$399		
		\$399		
Subtotal:				
(Note 1: 5% off all weeks if you are attending multiple week) Multiple Week Discount:				
(Note 2: if your family attended camp last summer,) Loyal Family Discount:				
TOTAL DUE:				

WAIVER: Space Voyage, Space Voyage Simulations, Space Voyage Summer Camp, RocketKids, Project Voyager WebMasters, all Staff, summer camp participants and Jefferson County Public Schools are hereby released from any responsibility for injuries or medical conditions incurred during or as a result of the activities of the Space Voyage Summer Camp. I hereby register for admission to Space Voyage Summer Camp. I am aware of the refund policies (see H. on page 4). I certify that all information on this application is true and accurate to the best of my knowledge. I understand that photographs, videos and facsimiles taken of participants as well as their projects may be used for promotional purposes.

Enclosed is \$ _____ (CHECK NUMBER: _____) for participation in the above program.

Parent or Legal Guardian's Name: _____ **Signature:** _____ **Date:** _____

IMPORTANT INFORMATION ABOUT SPACE VOYAGE

A. About the Camp Day and Week.

All camp sessions are five days, Monday through Friday. We start at 8:00 am and end at 3:00 pm. Students can arrive starting at 7:30 am and we offer free after care until 3:30 pm. Students must be picked up by 3:30 pm.

B. Registration Process.

Discuss camp with family and friends, select week or weeks to attend, either print Registration Form (page 3 of brochure), fill out registration form and mail it in with your payment; Or register online through the website. Send payment to: Space Voyage, 1504 South Johnson Court Lakewood, CO 80232. Upon receipt, we'll mail you a letter of confirmation, receipt, invoice (if applicable), medical form and liability waiver. Please complete and mail back the completed forms.

C. Summer Camp Location, Address and Directions.

Space Voyage Summer Camp is located at Summit Ridge Middle School, 11809 W Coal Mine Ave. Littleton, CO 80127. Driving directions and maps are available on our website in the summer camp section. A Google map is available for smart-phones at www.spacevoyage.com (click on map link)

D. Transportation.

Transportation to and from each program location is a guardian responsibility. A car pool list will be prepared and emailed to parents requesting carpool information on your registration. Only those marking "YES" for Car Pool Info on the registration form are included. We typically email Car Pool Info about a week before the start of your program week. Visit the website for map and directions.

E. Crew Size and Crew Mission Patches.

Crew size is typically two to four students. Students make many new friends at camp. Students are encouraged to attend Space Voyage Summer Camp with their friends. Each crew designs a unique Mission Crew Patch which becomes their Space Voyage Notebook Cover while at camp. Commemorative Crew Mission Patch souvenirs (approximately 10.5" wide) and suitable for on-wall display are available for \$12 each. These should be ordered by Wednesday of your camp week to ensure delivery while at camp.

F. Scholarships.

Scholarship money may be available from your school, PTOs and school PTAs. Businesses interested in sponsoring students should call or email Dr. Palmere. Each sponsoring business or group will be listed on our website sponsors page, with a sponsor sign prominently displayed for that week.

G. Space Voyage Summer Camp Lunch, Snack and Food Policies

Students should bring a non-refrigerated lunch to camp each day. You can bring your own drinks, or purchase a drink for 50 cents. On Friday of each week we have a pizza party lunch. Edible lessons and celebrations include: The Gold Fish Social, Hot Dog Space Station, Crew Edible Space Station, Big Space Ice Cream Mountain and Space Odyssey Ice Cream Cone Rocketry. Please indicate food allergies on your child's Medical Form and during check in at camp.

H. Refund Policy and Fees

Full refunds, less a \$40 administrative fee, are available if requested before March 31, 2020. Partial or half refunds, less a \$50 administrative fee, are offered until May 15, 2020. No refunds after May 16, 2020. Returned check fee is \$30. Replacement receipts are free and we can email you a .pdf as needed. All fees should be paid-in-full three weeks prior to start of your camp week.

Frequently Asked Questions? (See website for more FAQ)

Q1: How are the students grouped?

Crews are formed based on program level, age and conceptual level. Students attending with friends can be placed on the same crew.

Q2: Can I complete a Level in a week? Or more than one Level in a week?

All Pathfinder levels and Cadets in Level 1 and Level 2, are designed to be completed in one week. Astronaut Cadet Levels 3, and above take longer since more time is needed to achieve. Cadets can continue their Level from one camp week to another and from this summer to next summer. Leadership internships can last one or more weeks; However, inspired and motivated students sometimes complete Cadet Level 1 and Level 2 in one week. You and your crew work at the pace you choose.

Q3: How does each day break down?

Students arrive between 7:30 am and 8:00 am, when we will have our Morning Briefing; Lunch is when the room gets hungry but typically starts around 11:30; Afternoon program runs after lunch until 3:00 pm. After hours care/Play-hard from 3:00 pm until 3:30pm sharp. Students must be picked up by 3:30 pm, or the Space Voyage staff may require additional child-care fees.



Receiving a Space Voyage Medal of Achievement



We Have Joy! A Double Rocket Launch



Cadets and Pathfinders in Rocket Recovery



Making New Friends at Space Voyage