S.P.A.C.E. 2019
Summer Program for Academic & Creative Encounters

LOWER SCHOOL- GRADES K-4

UPPER SCHOOL - GRADES 5 - 9

LOCATED AT
Day Middle School
21 Minot Place, Newton,
MA 02460
617-559-6150
SPACE@newton.k12.ma.us
http://www.newton.k12.ma.us/spacecamp

Monday July 1st - Friday, July 26th

LOWER CAMP is a four - week summer enrichment program for students entering kindergarten through entering grade four in the fall of 2019. Students in the program are assigned to age appropriate groups. They will work with staff members in art, dance, science, movement, games, recreation, drama, foreign languages and other enrichment activities. Special attention is given to individual students by maintaining a low student to teacher ratio.

The focus of the morning activities this summer will be on our theme “Out of This World!”. Included will be information and activities from the arts, sciences, geography, history and beyond. This will be an exciting theme for everyone!

UPPER SCHOOL is a four-week summer enrichment program for students entering grade five through students entering grade nine in the fall of 2019. During this program, students are given the opportunity to become involved in program courses of their own choosing. In this information packet, you will find the offerings for this year, which include Visual Arts Studios, Computer Labs, Challenges, Academic Labs, Sports & Recreation and Music and the Performing Arts.

In addition, English Language Learner (ELL) support is available for students in our upper and lower school whose home language is other than English. Please indicate if your child needs ELL support, which is provided in the classroom setting.

Plan now to attend this exciting and rewarding program! We welcome students from the villages of Newton and neighboring communities as well as from many foreign countries. Read over the information in this packet and register early - enrollment in the program is limited. S.P.A.C.E. 2019 promises to be a wonderful summer experience for all.
EXTENDED DAY A.M. - 8:00 a.m. - 9:00 a.m.
Extended Day includes games, group projects, and quiet time for reading and writing. Students may be dropped off at Day Middle School as early as 8:00 a.m. This part of the day is a quiet activity time with teacher and counselor supervision. There is an extra charge for this, please see our registration form for more information and to sign up.

MORNING PROGRAM - 9:00 a.m. - 1:00 p.m.
Students entering kindergarten up to entering grade four will be assigned to age appropriate groups with co-teachers, assistant teachers, student teachers, and counselors. The co-teachers are certified elementary teachers. In these groups, students will be engaged in art, music, science, dramatic expression, movement, recreation, and other enrichment activities. Included in the daily schedule will be meaningful large and small group interactions focused on the 2019 program theme.

Students should bring a mid-morning snack.

FULL DAY PROGRAM - 9:00 a.m. - 3:30 p.m.
The Full Day Program for grades kindergarten through entering grade four (K - 4) consists of a morning program plus a lunch break (1:00 - 1:30 p.m.) and a scheduled afternoon program.

Students bring their own lunch that will be refrigerated for the morning. Following lunch the students will have time for rest and quiet activities.

The afternoon will be more leisurely paced than the morning program. Full day students will stay with other students from their morning class whenever possible as we re-group for the afternoon.

During the afternoon session, 1:00 - 3:30 p.m., students will have recreational swimming at Crystal Lake twice a week, have special activities, and have supervised outdoor play, arts and crafts, stories, musical activities, and other enrichment activities.

EXTENDED DAY P.M. - 3:30 p.m. - 6:00 p.m.
Students may stay at Day Middle School as late as 6:00 p.m. This part of the day is a quiet activity or recreation time with teacher and counselor supervision. There is an extra charge for this, please see our registration forms for more information and to sign up.

SWIMMING
All full day students will have recreational swimming at Crystal Lake two days a week. Grades one and two will go on Tuesday and Thursday. Grades three and four will go on Monday and Wednesday. As part of the program fee, students will be issued a City of Newton swimming badge. Our kindergarten class swims at the Gath Pool daily.

SUZUKI
Suzuki violin classes are offered as an elective two or three times a week for interested students in grades one through four (1, 2, 3, & 4). Instructions range from beginner to intermediate. Violin students will need to own or rent a violin, as they are not provided by SPACE. You will receive additional information about this option after you register. You will be contacted with final arrangements the first week of S.P.A.C.E. camp. A sign-up sheet will be sent to all lower school parents prior to the start of camp. Campers should turn in the sign-in sheet to their classroom teacher on the first day of camp. When selecting violin instruction, please indicate playing experience on the registration form.
EXTENDED DAY A.M. - 8:00 a.m. - 9:00 a.m.
Extended Day includes games, group projects, and quiet time for reading and writing. Students may be dropped off at Day Middle School as early as 8:00 a.m. This part of the day is a quiet activity time with teacher and counselor supervision. There is an extra charge for this, please see our registration form for more information and to sign up.

MORNING PROGRAM - 9:00 a.m. - 1:00 p.m.
Students may choose from many exciting options during the three scheduled seventy-five minute periods. Each course runs for the entire four week SPACE Program, which will allow for in depth study and interest building. There will be a snack break between the second and third periods. Milk/ juice may be purchased for a fee during snack.

LUNCH BREAK - 1:00 p.m. - 1:30 p.m.
Students bring their own lunches, which are refrigerated. Milk/juice may be purchased during lunch period.

FULL DAY PROGRAM – 9:00 a.m. - 3:30 p.m.
The Full Day Program for grades five through nine consists of a morning program, lunch break (1:00 - 1:30 p.m.) and a scheduled afternoon program from which students select from many exciting options during the two (2) scheduled sixty (60) minute periods. Swimming is only offered in the afternoon time period.

EXTENDED DAY P.M. - 3:30 p.m. - 6:00 p.m.
Extended Day, available at an extra charge, includes games, sports, group projects, and quiet time for reading and writing.

SWIMMING
Swimming is recreational and only offered in the afternoon as part of the Full Day Program. As part of this course selection these students will receive a Newton Swim Badge. Upper School swimming will take place at Newton Recreation Department’s Gath Pool with S.P.A.C.E. staff and city lifeguards supervising.
***ADDITIONAL S.P.A.C.E CAMP INFORMATION***

TUITION ASSISTANCE
We try to offer partial tuition assistance, for Newton residents only. Calling or writing to our office is a way to obtain applications. **The deadline is April 12th, 2019.** Applicants are encouraged to pursue other options of funding opportunities as S.P.A.C.E. offers only partial assistance and funding is limited.

MEDICAL INFORMATION AND REQUIREMENTS
This program must comply with the regulations of the Massachusetts Department of Public Health and be licensed by the Newton Health Department.

Parents must furnish us with the following medical information before the first day;
1. A current medical history which lists allergies, required medications and any health conditions or impairments which may affect the student’s activities while attending the program. The medical history must be signed by a doctor or other licensed health care provider.
2. A certificate of immunizations as per State Regulation 105 CMR 430-152.

This camp must comply with regulations of the Massachusetts Department of Public Health and be licensed by the Newton Health Department.
**VISUAL ARTS AND CRAFTS STUDIOS**

1. **MANGA AND ANIME WORKSHOP** Students will learn about the history of anime and manga and the different styles of the art form. We will watch anime and discuss techniques and drawing styles in each genre. We will analyze story structure and page set-up for manga. Students will create their own characters and put together a manga and shooting script for an anime. (Morning Only)

2. **CERAMIC STUDIO I** - Introduction to hand-building clay techniques will be explored in this studio to create kiln-fired pottery and sculpture. (Morning and Afternoon)

3. **CERAMIC STUDIO II** - Advanced hand-building clay techniques will be explored in this studio to create kiln-fired pottery and sculpture. (Morning and Afternoon)

4. **PHOTOGRAPHIC EXPLORATIONS** - In this class, you'll go behind closed doors and enter the photo lab where you will learn how to make fantastic black and white pictures. With black and white photography, we'll go "old-school" -- taking pictures on film, in old fashioned cameras, and using the photographer's laboratory to make them appear, as if by magic, on plain white paper. Photographers today call this analog photography. We'll finish our photographic explorations with a short course in digital imagery. With digital photography, you will have the opportunity to go "new-school." With digital photography, we'll learn the basics of point-and-shoot digital cameras and how to let them do most of the work for us. (This class may not be suitable for people who are afraid of the dark.) (Morning and Afternoon)

5. **JEWELRY DESIGN STUDIO** - Students will use a variety of materials -- fimo, paper mache, macramé, mirrors, glass beads, clay and markers to create earrings, necklaces, anklets and fancy mirrors. (Morning only)

6. **THE SCULPTURE STUDIO** - Students will create three-dimensional works of art using paper, paper-mache, tin foil, wood, and other found objects. (Morning Only)

7. **WOODWORKING WORKSHOP I** - In this workshop, students will work with wood and simple woodworking tools as they design and construct their own projects. (Morning and Afternoon)

8. **WOODWORKING WORKSHOP II** - This is for students that have taken Woodworking I and would like to advance their skill levels, taking on more complicated projects. (Morning and Afternoon)

9. **WATERCOLOR** - Learn an array of watercolor techniques and how to use them in painting, collage, and crafts to create colorful masterpieces. (Afternoon only)

10. **EXPLORING PAINTING** - Artists get to paint, paint, paint! In this class, students will paint from still life; landscape, portraiture, and abstraction will all be explored! Artists will learn an array of painting techniques and use watercolors, tempera paint and acrylic paint on canvas! (Morning only)

11. **ARTIST EXPLORATION** - In this class, students will be given a different material each day and learn the skills on how to use the medium. Students will be able to create a project based on their own inspiration and ultimately, learn a skill set of many different media. Materials include watercolor, watercolor pencils, collage, printing, and other artistic techniques. (Morning and Afternoon)
12. **EXTREME ARTS** - In Extreme Arts we will push the limits of artistic media by taking traditional camp arts to new heights, and trying new nontraditional methods of creating art in the extreme. Think: popsicle stick sculptures as large as you and origami collages made with 100 papers, and more! Over four weeks, we will innovate the artistic process to create new art together. Still can’t put your mind around Extreme Arts? Check out YouTube and search for some of the arts we’ll try: *modular origami, pendulum painting, crayon melting, duct tape art, draw optical illusions, sharpie tie-dye!* (Morning and Afternoon)

**CHALLENGES**

13. **COMPUTER LAB – Macintosh Computers** - Students will have to opportunity to learn the program, Scratch, in order to create their own video games. There will also be time for a supervised free choice computer time, where students can play various games. (Morning & Afternoon)

14. **INVENTORS LAB** - Design and build using a variety of materials. This year one of the themes is to create “something from nothing” using recycled materials students will be challenged to invent and design a structure. The ideas are limited only by your imagination. Campers will have the opportunity to pitch their own inventions “Shark Tank” style. (Morning only)

15. **ELECTRONICS LAB** - Discover the world of electronic circuits, electromagnetic circuitry, transistor circuitry, IC circuitry and seven-segment display circuitry. Make gadgets which flash, beep and make annoying noises. (Afternoon only)

16. **FORENSIC SCIENCE** - How do law enforcement agencies use science to solve crimes? Learn many of the techniques used by forensic scientists in this hands-on course. (Afternoon only)

17. **STRATEGY GAMES** - Do you enjoy board games and outwitting your opponent? Campers will have the opportunity to play strategic board games like Settlers of Catan along with the classics. (Afternoon only)

18. **GAME SHOW** - S.P.A.C.E. Camp's most exciting hour and fifteen minutes of fantastic games! Campers will have the opportunity to play and create their own game shows every day! (Morning or Afternoon)

**ACADEMIC LABS**

19. **ELL** - Come learn and/or strengthen your English language skills. In this class, English will be taught thematically around cooking, hands-on science, and interactive games. Instruction will build on topics and activities that are taking place in the Lower and Upper S.P.A.C.E. Camp. Although the emphasis will be on speaking and listening, students will create class books, write in journals, and read books connected to the themes being taught. (Morning only)

20. **WRITING WORKSHOP** - Students will write poetry, articles, and stories, which will be published as a literary magazine by the end of S.P.A.C.E. Camp. (Morning only)

21. **MATH LAB** - In this lab, students will be given remedial support in math with an emphasis on problem solving, comprehension, facts, basic skills, geometry, fractions and confidence. Teachers will work with students individually as well as in groups. (Morning only)

22. **ENGLISH LAB** - In this lab, students will be given remedial support in reading and writing to develop and enhance skills and to provide strategies for continued success. Students will be expected to read one appropriately leveled book at home. Teachers will work with students individually as well as in groups.
23. **NEWSPAPER** - Students will publish a weekly S.P.A.C.E. Camp newspaper using different media such as photography, artwork, stories, poetry, ads and comics. Campers and teachers look forward to reading the weekly edition each Friday morning. (Morning only)

24. **BOOK CLUB** - Come join us as we read interesting literature together. We will share ideas as we think-aloud about what is happening to various characters that are part of the world of young adult fiction. We’ll even act out exciting scenes and bring book to life. (Afternoon only)

25. **GRAPHIC NOVELS** - This class will explore the elements of the graphic novel. Students will read portions of popular graphic novels and learn appropriate terminology and techniques. Class will utilize what they learn to create their own storyboards and participate in other creative activities. No artistic experience/ability is necessary to take this class! (Morning and Afternoon)

27. **MYTHBUSTERS** - In this class, students will test myths through scientific methods to determine whether the myths are true or not. If you want to find out if Mentos and Coke will make a volcano erupt, then join this class! (Morning only)

28. **MATH CHALLENGES** - This is a math enrichment course with special emphasis on games, puzzles, challenges, and problem solving. (Morning only)

29. **PLANET EARTH** - This course will take you into the wilderness and show you the planet and its wildlife as you've never seen them before. Learn about Earth’s flora and fauna in each of its habitats. From Giant Coconut Crabs to Venus Fly Traps to the Honey Badger, students will learn all about our planet’s fascinating creatures and their biomes. (Morning only)

30. **HISTORY’S GREAT MYSTERIES** - The Bermuda Triangle, The Lost City of Atlantis, Stonehenge and the Loch Ness Monster are still leaving people scratching their heads. Historians and scientists have been trying to piece together evidence to explain these marvels for hundreds of years. It might be up to you to solve history’s great mysteries! (Morning only)

31. **Spanish** - A course in which students will explore the Spanish language and culture through film, art and music. We will start at an introductory level beginning with verb conjugation and basic socialization supplemented by worksheets. (Mornings only)

**SPORTS AND RECREATION**

32. **CIRCUS ARTS** - Learn how to juggle, tumble, ride a unicycle, jump rope, hula-hoop and more. Have you ever been called a clown? Here is your chance to show off your sense of humor. You will experience different circus activities and challenges and present a mini-circus for the lower school classes. (Morning and Afternoon)

33. **ULTIMATE FRISBEE** - Improve your skills in passing and catching a Frisbee while learning how to play this “ultimate” team sport. (Morning only)

34. **RECREATION** - A variety of team and individual games, exercises and athletic activities will be explored. (Afternoon only)

35. **SOCCER CLINIC** - Improve your soccer skills. Daily practice of soccer techniques and playing mini and whole games. (Morning only)
36. **BASKETBALL CLINIC FOR BOYS AND GIRLS** - Improve your basketball skills. Daily practice of basketball techniques and game play. (Morning only)

37. **VOLLEYBALL** - Learn the fundamental skills of the game and play in daily matches. (Morning and afternoon)

38. **TENNIS CLINIC I** - If you are a beginning tennis player, this course is for you. Students will work on the basic skills of the game while having a chance to play singles or doubles with others of similar abilities. (Morning only)

39. **TENNIS CLINIC II** - If you are an intermediate tennis player or have taken Tennis I, this course is for you. The course is designed to increase already established game skills and begin strategy play against an opponent. (Morning only)

40. **FOOTBALL** - Campers of all skill/experience levels are encouraged to participate in football class. Campers will take part in a safe, well-structured, instructional and exciting class. Emphasis will be on learning skills, techniques, and terminology of football, including both offensive and defensive positions. Games will be played in a one-hand tag/flag format and taught by experienced staff. No equipment/experience required. (Morning and Afternoon)

41. **FLOOR HOCKEY** - Campers of all skill/experienced levels are encouraged to participate in floor hockey class. Skills of stick handling, passing, shooting, ball control, defensive positioning and footwork will all be emphasized. Games will be non-contact, safe and monitored by experienced staff. No equipment/experience required. (Morning and Afternoon)

42. **SWIMMING** - Swim for recreation at Newton Recreation Department facilities. (Afternoon) SWIMMING IS ONLY OFFERED IN THE AFTERNOON FOR FULL DAY STUDENTS.

43. **YOGA** - Come explore an age-appropriate yoga class taught by a certified instructor. Learn poses, breathing techniques, relaxation and more. Mats will be provided or you may bring your own. (Morning and Afternoon)

44. **ZUMBA KIDS** - This program is the ultimate dance-fitness party for all levels of experience. In Zumba we teach basic dance steps like salsa, merengue, reggaeton, hip-hop, and more! It’s all about having fun on the dance floor, reinforcing the idea that it’s okay to just be yourself and dance like no one’s watching! (Morning)

45. **BOXYGEN** - A fitness program designed to learn the technique of boxing while also improving strength and conditioning. It is a designed for all ages and fitness levels by allowing each person to exercise at his or her own pace. BOXYGEN utilizes body weight exercises (no equipment needed) and emphasizes safety through proper exercise and punching technique to reduce injury risk. The program teaches punch combinations to improve hand eye coordination and develop strength, speed, flexibility and endurance. (Afternoon)

46. **LAWN GAMES** - We are bringing our favorite backyard and beach games to this outdoor recreation class. Students will learn fun games including Spikeball, Canjam, Baggo, Ladderball, and more. Campers will also have the opportunity to play classic games such as: badminton, bocce, horseshoes, croquet, and Frisbee golf. Lawn Games gives students a way to be active, while having fun in the sun. (Afternoon)
45. **MUSICAL THEATRE** - S.P.A.C.E. Camp’s annual musical production is one of the highlights of the summer! Campers will learn audition skills, stage presence and improvisational techniques. A performance of some of the “Best of Broadway” will take place during the last week of camp. Past musicals include; Annie Jr., Once on This Island, The Lion King, Seussical and You’re a Good Man, Charlie Brown. (This program is offered in the morning for two blocks – Choose either a combined A and B blocks or a combined B and C blocks).

46. **SCENERY and SET DESIGN** - Want to be involved behind the scenes of the music and theater production. In this course, students will create the entire set design including backdrop, costumes and props for the music and theater production. (Morning only, students can be a part of scenery and set design class for one, two, or three blocks in the morning).

47. **CABARET** All are welcome to join this performing arts workshop, as campers work as a team to create a performance consisting of solo and group musical numbers, dance, instrumentals, and skits. The workshop culminates with a final Cabaret performance at the conclusion of the S.P.A.C.E. program. (Afternoon only)

48. **CELTIC MUSIC WORKSHOP** - In this course, we will explore traditional Irish music and learn to play simple tunes on the Irish whistle and the bodhran (Irish drum). Instrumental experience is welcome but not required, and if you play the violin or the flute, you’ll fit right in since the fiddle and flute are important instruments in the music of Ireland. We’ll learn some airs, speak a little Gaelic, see some videos of Ireland and maybe share some Irish tea and soda bread. Come join us as we explore the music and culture of Ireland! (Morning only)

49. **GUITAR I** - This will be an introductory guitar class. No experience necessary. Instruments will be supplied during lessons and in school practice. (Morning only)

50. **GUITAR II** - This course is designed for an intermediate guitar player who has either taken Guitar I before or has taken guitar lessons. (Morning only)

51. **MUSIC COMPOSITION ON THE MACINTOSH** - Learn to use a Macintosh computer to write and generate original music and songs. If you are unable to read music, you may still take this course. (Morning only)

52. **AFRICAN DRUMMING** - Explore traditional rhythms of West Africa on a variety of African drums. (Morning only)

53. **INSTRUMENTAL MUSIC LESSONS** - When possible, members of the music staff will offer individual and small group instruction on band/orchestra instruments. Please indicate your choice and we will try to accommodate you. Lessons will be thirty (30) minutes long and twice a week. Students will be pulled from morning classes in order to have the lessons. **IF YOU SIGN UP FOR INSTRUMENTAL LESSONS, PLEASE INDICATE YOUR CHOICE OF INSTRUMENT ON THE REGISTRATION FORM and NUMBER OF YEARS EXPERIENCE.**

*INSTRUMENTAL LESSONS DO NOT INCLUDE PIANO, GUITAR OR DRUMS.*

**ALL COURSES WITH LOW ENROLLMENTS ARE SUBJECT TO CANCELLATION**
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Questions: 617-559-6150
EMAIL:
SPACE@newton.k12.ma.us