

Brewster

SUMMER PROGRAMS

Confidence

Diversity

Leadership



BASS 2020

BREWSTER ACADEMY SUMMER SCHOOL

www.brewsteracademy.org/summer

BASS is...



DIVERSITY



CONFIDENCE



LEADERSHIP



Our Mission

Brewster Academy Summer School (BASS) is located in the summer resort town of Wolfeboro, New Hampshire on the shores of Lake Winnepesaukee. BASS instills in its students the leadership ability and confidence to thrive in school and beyond. Through an inquiry approach to academics, we cultivate each student's passion for learning. Students develop an empathetic worldview, learn to appreciate diversity and work together to become real-world problem solvers through experiential activities. BASS is more than a summer school—it is an experience. An experience that makes a deep and positive impact on each student and prepares them to face challenges with confidence and determination.

	INTERNATIONAL STUDENTS	DOMESTIC STUDENTS	DAY STUDENTS
2020 Dates:	June 27-July 25	June 28-July 25	June 28-July 25
2020 Tuition:	\$6,800	\$6,500	\$4,200



STUDENT TESTIMONIAL

"BASS is a great program. It has great classes, great trips, and awesome recreation! I would highly recommend this program to anyone."

BREWSTER ACADEMY SUMMER SCHOOL
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STEM Classes

What is AI/MI? (Artificial and Machine Intelligence)

We live in an age known as the New Machine Age. An age of tremendous technological transformation and one that will challenge today's students to adapt to and understand the vast world of artificial and machine intelligence. This inquiry-based introductory course is designed to help students understand and explore AI/MI so that they are better prepared to understand the technology of the future. Students will be challenged to ask questions, discover and evaluate answers, and produce an inquiry project that relies on the processes of Design Thinking.

Computer Graphics is an engaging, hands-on course focusing on the use of the powerful Adobe Photoshop program. Students will develop their computer skills to communicate visually, which can be used effectively across many educational disciplines. As students learn digital imagery sets and create products including t-shirts, stickers and buttons, their confidence grows. The computer lab is filled with printers, presses, and other tools to support students to create high-quality pieces of digital art. Previous Photoshop experience is not required.

CSI: Crime Scene Investigation Ever wonder what detectives look for in a crime scene? Come and discover the math and science that is used behind the investigations. Learn how to model the incident using algebra, discover clues using an introduction to physics and chemistry. Students will use problem solving and collaborate in small groups to solve the mystery.

Additional Materials Fee: \$100

Digital Photography What makes a good photo composition and how can you improve the quality of your photos? How do you capture someone's personality in a picture? Learn how to take photos using a professional DSRL camera and how to use the manual settings on the camera to take great shots. Students learn photographic principles through classroom instruction and photo assignments in and around our beautiful campus.

Drone Technology In this four-week course, students will dive into the emergent field of drone technology. By working in small groups you will first construct and then ultimately fly a drone. Lessons will be offered on programming/coding, video, photo and mapping. Given the ever-changing rules and regulations regarding the flying of drones, students will be instructed in the latest FAA guidelines.

Additional Materials Fee: \$250

Experimental Science allows students to get outside and engage in hands-on activities. Students learn about making observations and recording them as drawings in a notebook. The class includes trips, projects, simulations that highlight the use and preservation of environmental resources. In addition, the class looks at all aspects of science ranging from physical, biological, and chemical, while applying the latest technology.

Geometry in the Universe is a course that analyzes how numbers manifest uniquely in nature, society, architecture, and most specifically, in geometry. Students will also focus on ideas around the Golden Ratio and Pascal's Triangle. The course will integrate key concepts of geometric thinking into an inquiry/discover framework that will require students to apply the skills they have learned to solve real-world problems.

Linear Algebra for students going into Algebra I or those who need a refresher before Algebra 2. This course focuses on solving, graphing, and word problems using linear equations.

Movie Making: Introduction This course teaches basic story development—how to outline and write a script, camera use, and digital editing with iMovie software in one of Brewster's well-equipped computer labs.

Movie Making: Advanced This course is designed for students who are already somewhat familiar with iMovie. Projects include creating a short video with a dramatic or comic style much like can be found on YouTube, a music video, and a BASS news broadcast. Students will also learn movie visual effects, such as use of a green screen and other effects like forced perspective.

Quadratic Algebra For students going into Algebra 2 or those who need a refresher before moving on the higher level mathematics. This course focuses on solving, graphing, and word problems using quadratic equations.

Rockets: The Geometry Behind NASA Watching in fascination as a rocket launches from our planet into space is one thing; building a rocket and watching it fly up into the air is another. Discover how changing the shape of a rocket changes its flight. Create you own evolution of different rockets as you attempt to create the "perfect" model. Using geometry, we will look at the different shapes and volumes in rockets and how changing them affect flight. Using an introduction to physics we will learn how and why rockets fly. In small groups, students will collaborate to design their own rockets using geometry. Students will build and launch their own rockets. Additional Materials Fee: \$100

3D Modeling and 3D Printing In this course, students learn how to create objects in three-dimensional programs and how to operate a 3D printer to print their creations. They'll have the opportunity to invent their own prototypes by learning how to design and engineer a working model of their idea. Students look at a need in their life, like a phone cord holder or an ear bud case, and solve that need with their own creation. They learn to think as problem solvers and will also have an introduction to 3D animation.

Web Design Students will create working web sites from the ground up. Beginning with the use of templates for web pages, students will learn software for web page creation. Lessons also include learning html to script a web page that can be used on phones, tablets and computers. Previous knowledge of html is not required.

Other Classes

Art This course is designed to provide students with an exploration of a variety of studio art forms, which may include painting, drawing, print making, and design.

Creative Writing This course strives to instill a culture of writing in the students; writing is not an obligation, but rather a necessary, engaging, and dynamic form of expression. This course seeks to push students beyond their academic comfort zone while simultaneously fostering a sense of self-confidence in their personal writing. The class will write daily, share weekly, and create submission-quality pieces throughout the summer term, which will culminate with a five-to-seven page portfolio, featuring polished versions of their best writing.

English Literature In this course, students develop the ability to read great works of literature closely, actively, and imaginatively. They study not only what a text means, but also how to appreciate the beauty of the written word. In order to bring the written word to life, all students will write and deliver a declamation to a live audience.

Global Citizenship This course seeks to develop confident global citizens who have the skills to tackle the complex interconnected issues of the 21st century—such as water scarcity, climate change, access to education, food scarcity, and many others. Throughout the course students will grapple with questions of identity, diversity of perspectives, and responsibility with the ultimate goal of discovering how each student might be able to embody a leadership role within the wider, global context.

Media Studies and Modern Expression This class is designed to enhance students' understanding of how media is used in modern society and the influence it can have as a form of modern expression. Students will analyze and evaluate various forms of media in terms of its effectiveness, cultural capacities, and use of rhetoric. In doing so, they will explore the impact media can have at both the individual and societal level. They will also learn about effective communication practices through different mediums. Over the four weeks, the students will apply these skills by engaging in their own self-expression through different types of media.

English Language Learning (ELL) Students' English skills are assessed at the beginning of the program, and their scores are used for placement into different English levels. Each course caters to the skill level of the group with a central focus of developing all four skills of writing, reading, speaking, and listening.

ELL students are required to enroll in both of the courses listed below:

1. ELL Communication In this course, the main goal is to help students improve their English speaking and listening skills. Activities in this class will be practical and encourage students to use their newly learned skills outside of the classroom. Dependent on their level activities will include shopping trips, interviews with native speakers, producing short plays, games relating to English, delivering speeches, presenting about their country, and listening to English music.

2. ELL Language Students in this course will focus on writing and reading activities. Depending on their ELL level, they will learn the structure of a strong sentence, paragraph or essay. Each lesson will have reading, writing, grammar, and vocabulary activities. Each level will produce written pieces about the students' home countries and students will be expected to present their work to the BASS community.

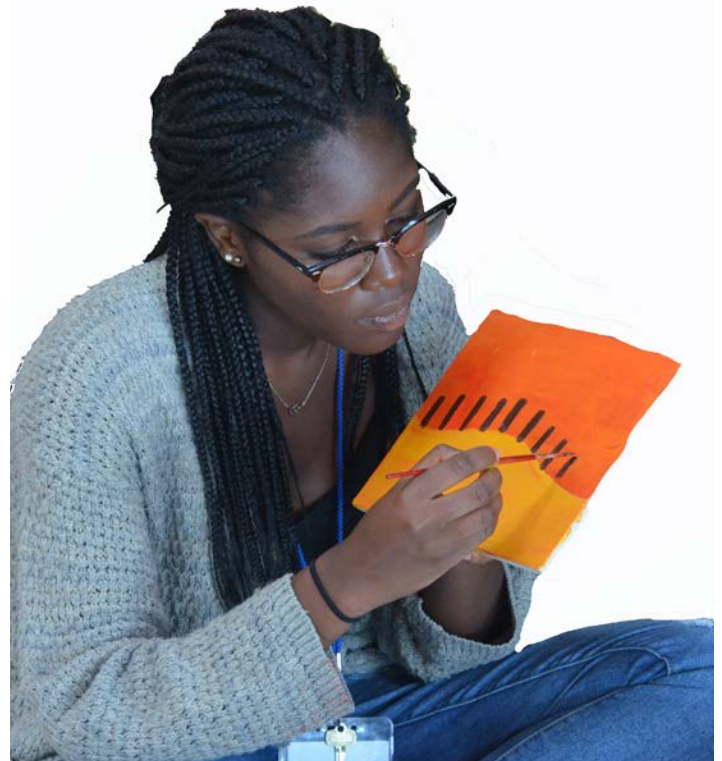
FOR MORE INFORMATION:

Brewster Academy Summer Programs
summer@brewsteracademy.org

STUDENT TESTIMONIALS

"This whole program was a wonderful experience. I met so many great new friends from all around the world. The teaching assistants and teachers were great, and I'll definitely remember my time here for years to come."

"I really likes all of my classes. The teachers are helpful and upbeat. I truly enjoyed being in class. I feel that I have learned a lot."



Schedule

A TYPICAL DAY AT BASS



Sample Weekday Schedule

7:45 – 8:25 AM	Breakfast
8:30 AM – 12:30 PM	Classes: Four 55-minute courses
12:30 – 1:15 PM	Lunch
1:15 – 3:15 PM	School meeting or Studio (see box, right)
3:30 – 6:00 PM	Adventure Recreation activities (see box, right)
6:00 – 7:00 PM	Dinner
7:30 – 9:30 PM	Group and dorm activities
9:30 – 10:30 PM	Quiet hour
10:30 PM	Lights out

Afternoons

Studio, offered from 1:15 to 3:15 p.m., provides BASS students with the unique opportunity to explore ideas, creativity, and expression through activities such as design thinking, art, yoga, self-defense, robotics, and basketball. Studio meets four times a week for two-hour sessions. We think of Studio as a time for students to step out of their comfort zone and practice leadership and creativity, while having a great time with their classmates.

Adventure recreation and afternoon activities may include canoeing, kayaking, rock climbing, hiking, community service, initiatives, and field and court sports.

Weekends

Saturdays: Adventure Recreation trips
Sundays: Fun, relaxing, and cultural trips



Frequently Asked Questions

Is there an application deadline?

We have rolling admissions with a final deadline of June 5, 2020. Additional application requirements

- ◆ Current teacher recommendation
- ◆ Personal recommendation or
- ◆ Parent recommendation

How long does it take before families learn the student has been accepted to BASS? Once the file is complete, it is immediately sent for review by our admissions committee.

What is included in the boarding tuition fee? Are there additional fees? Tuition includes room and board, and admission fees for trips. Additional fees include airport pickup, and spending money for shopping trips, ice cream/food downtown, or movies.

Do you pick up students at the airport? Yes, the round-trip trip costs \$160 from Manchester, NH (MHT) and \$240 from Boston, MA (BOS). BASS personnel will meet students at baggage claim or at the gate if traveling with the airline unaccompanied minor service.

Is there a dress code? If accepted, the student will receive a packing list with clothing suggestions for adventure recreation. However, for classes, we recognize that it is summer, and we want our students to be comfortable. We do not allow clothing with inappropriate logos.

Where do boarding students live? Students reside in small dormitories, grouped by age and gender in mostly double- or triple-occupancy rooms. At least two dorm staff live in the building.

What is the weekday schedule like for day students? Do day students participate in weekend activities? Day students should arrive before classes begin at 8:30 AM, and are typically finished with all activities by 5:45 to 6:00 PM. Day students are expected to participate in Saturday adventure recreation trips, and are invited to join the Sunday trips.

FOR INTERNATIONAL STUDENTS

When should international students apply? While we do have rolling admissions, to maximize the use of English, we also limit the number of students from any given language group. International students are advised to apply as early as possible.

Why is the tuition cost higher for international students? The additional fee covers mandatory medical insurance that Brewster will arrange for your child.

Is a student visa required to attend? No. Due to the length and nature of the program, international students should travel on a B2 tourist visa. If applying for the visa to attend BASS, identify as a "prospective student."

Can a student arrive a day early or leave a day late? June 27, 2020 is the international student arrival day. There is no housing available before that date. For departure, students should depart in the morning to early afternoon on July 25, 2020. If there are no flights at that time, the student may take an evening flight on July 24, 2020.



PARENT TESTIMONIALS

"Our son and daughter had an incredible month at BASS with all of the other kids from all over the world. They had high expectations about what the program would be like for them, but we think that the expectation were greatly exceeded. With learning not only academic or recreational activities, but about personal relationship with other kids from other cultures. As they told us at their arrival home: 'We felt that we have known each other forever.'"

"This is the best experience my child could have had over the summer. He came back a new man armed with self-confidence and new knowledge. I cannot recommend this program enough. BASS is truly amazing."

"We have seen a noticeable difference in our daughter's maturity level both academically and socially. She has already asked to come back next summer."

Where is BASS located?

Only two hours north of Boston, Brewster Academy is located in the cozy town of Wolfeboro, New Hampshire, on the shores of picturesque Lake Winnepesaukee.