

2021-2022 BCA CLUBS: TRIMESTER THREE

CLUB	DESCRIPTION	ADVISOR	ROOM #
3D Printing Club/Makerspace	This club is meant to provide students with the opportunity to learn about 3D Printing and have time to work on their own personal projects or get involved in school-wide projects. Students in this club will become very experienced with CAD and the entire 3D printing process.	Mr. Seventko Mr. Liva	173
Academy Chronicle	Academy Chronicle Club: This is a club for students interested in becoming involved with the school paper as writers or photographers or editors or any other numerous opportunities. Not sure, come find out.	Mr. Hathaway	148
Animation Club/Team	Do you want to learn how to use Adobe Animate (aka Flash) to create amazing vector-based animations? Then this is the club for you! Students will check out tutorials to learn the fundamentals for creating masterpieces (okay, maybe just simple animations) and have fun along the way. More advanced students will have the chance to work as a team to create 2D Animations to be showcased in school, such as during assemblies or for the BCA YouTube Channel. This club may also provide a opportunity to create work for a portfolio, as well as provide some experience in how an animation studio works.	Mr. Guthrie	137
Archery Club	The main goal of the archery club is to teach students about the fundamentals of modern archery. Students will be able to get both hands-on and visual experience on archery (seeing what a bow looks like and watching videos).	Mr. Djedji	174
Art Club	The goal of the Art Club is to foster an appreciation for visual arts among club members. Members will attend art galleries and museums virtually or when available, in person, and will be encouraged to participate in local, state, and national art competitions.	Ms. Maks	139
Artificial Intelligence and Machine Learning Club	This club will be focused on applying machine learning and AI to cool projects, and learning/discussing past and recent advancements. This includes building generative deep learning models to enable AI to create paintings and art, natural language processing for enabling AI to understand and generate human language, and computer vision for classifying and object detection (e.g classifying medical imaging and sign detection for self-driving cars.) We can also apply to various machine learning competitions, such as working together on kaggle team competitions. This club is available for anybody from complete beginners all the way up to advanced, anyone can join and learn AI!	Mr. Wang	138

ASBCA Aspiring Surgeons of BCA	ASBCA is a club striving to involve and introduce students in the field of surgery through various activities. ASBCA will provide students with the ability to learn different surgical knots, stitches, and ultimately learn how to perform a mock surgery of their choice by the end of the year.	Mr. Sabio Mr. Nevard	224A 227
BCA UNICEF	BCA Unicef aims to raise money for UNICEF, which is a United Nations run organization that provides humanitarian aid for children around the world.	Dr. Kim	251
Best Buddies	This club focuses on creating educational and non-academic videos for elementary school students! Through working with teachers, we curate content based on their needs and post it to our BCA Best Buddies YouTube channel. Our filming, editing, and posting efforts help make the school experience for the students (and the teachers) easier and more fun! No prior experience in filming or editing required.	Ms. Kenny	167
Board Game Club	Let's play! Members of this club will have the chance to play a variety of board and card games including classics such as Life, Sorry, Clue, Trivial Pursuit, Operation, Pictionary, Payday and newer games such as Suspicion, Telestrations, and Uno Flip. Of course, members will add to the fun by bringing their own family favorites to the club as well.	Dr. Crane	253
Bridge Brigade	Students will learn about and play one of the most popular card games in the world: bridge! If you like poker, hearts, or chess, you'll love this collaborative trick-taking game. Most meetings will be relaxed bridge-playing sessions, although students are also invited to attend competitive tournaments. New and experienced players welcome.	Dr. Abramson	261
Chamber Choir	By Audition Only.	Mr. Spinelli	225
Chess Club/Epic Challenge Club	This club is open to chess players of all levels, from beginner on up. Members enjoy the friendly comradery of playing a game that challenges the intellect. In addition to playing games, there are opportunities to learn about some of the strategy of the game, such as the opening, the middle game, and the endgame. Some members end up joining the school chess team (the 2014 state champion and eighth in the nation)./Epic Challenge Club will also meet in this room, separate from Chess Club, and is for any students interested in crewed space exploration, this is the club for them. This year's thrust will be a Mission to Mars, but if someone wants to branch out to a mission to an asteroid or to the Moon, we could also support that.	Mr. Paul Dr. Dogru	233
Computer Science Competitions Club	This club will prepare students for various computer science competitions -- ACSL, TSA, USACO, and others that member students propose.	Mr. Respess	138
Createers Club	The Createers Club is all about engineering. The students work on 1 specific project the entire school year where they design, prototype, create and innovate.	Mr. Nodarse	146

	They learn to use and assortment of tools and develop hands-on skills which will enable then to succussed in future engineering endeavors.		
Creative Writing Club	The student-led creative writing club gives students an opportunity to have dedicated time to write (and talk to other students about their writing if they choose) through weekly prompts and guidance from club advisors. Prompts are often focused on specific themes, current events, and authors, but students always have the option to follow their own inspiration instead.	Mr. Weems	44
CTF Club	Capture the Flags (CTFs) are hacking competitions with challenges that range from breaking into websites to uncovering hidden data to reverse-engineering algorithms. Besides being a great way to get into cybersecurity, the competitions are exciting, and the community is fun! In CTF club, we will focus on understanding how these challenges work and build intuition for how to solve them, delving into web exploitation, binary exploitation, reverse engineering, cryptography, and forensics. These skills will enable you to form your own teams to succeed in other CTFs. Must have some programming experience or have other CS background with instructor approval.	Ms. Kaba Mr. Isecke	165
Dance Club	Dance Club will create a space for dancers (or those interested in dance) in our BCA community to come together. The club is open to dancers of any skill level and will cover a variety of styles. In addition to doing weekly combos, dance club will also make an effort to raise money for dance-related charities. It is a low-pressure, fun environment for anyone who enjoys dance!	Ms. Kouefati Ms. Carberry	Stage
DECA	DECA, the Distributive Education/ Business Careers of America is a club that prepares students to participate in regional, state-wide and national competitions in fields such as entrepreneurship, marketing, finance, hospitality and management. Open to Business Only.	Mr. Mendelsohn Mr. Gutierrez Mr. Fogg Mrs. Sawhney	48 175 179 180
Disney and Dessert	Students will be watching Disney themed movies and we will also be making Disney themed cards for hospital patients, the elderly, and those in need of some joy.	Ms. Sorrentino	254
Dungeons & Dragons Club	Teach students both how to play Dungeons & Dragons and how to create a D&D campaign. Playing D&D will help improve students' critical and creative thinking skills while also having fun and getting engaged in the game. Creating D&D campaigns will expand the students' creative writing skills and improvisation skills as they have to account for the many choices players can make. Most importantly it will relieve BCA induced stress and our members will have fun.	Mr. Bonanomi Dr. Robinson	263
EMT Club	EMT Club strives to educate underclassmen about how to become an EMT, help current EMTs in training, and provide an insight into the world of emergency medicine, including fundraising for local ambulance corps!	Mr. Lemma Mr. Kalata	5

Environmental Science Club	The Environment Science Club is an organization devoted to helping preserve the environment. The club's goal is to raise awareness about environmental issues through community outreach and work toward addressing these issues. The environmental science club will work to make BCA a more environmentally friendly campus through hands-on projects like composting. The club will empower members to make a significant environmental change in Bergen County such as banning plastic bags.	Mr. Zhang Mr. Russo	141
Esports Club	Our goal as the Esports Club is to create an environment where students can have a moment of relief from the daily stresses they face, while at the same time increasing multitasking ability and improving leadership skills with team building activities.	Mr. Pinyan	267
FFA	Future Farmers of America - FFA: The Agriscience Student Organization that hosts the Agriscience Fair and other competitive events for students in the research program in the Environmental Science Center.	Ms. Kennedy	ESB 103
Girls Who Code	Girls Who Code club is intended to aid girls in the technology field. As the Girls Who Code website states, "Tech jobs are among the fastest growing in the country, yet girls are being left behind. While interest in computer science ebbs over time, the biggest drop off happens between the ages of 13-17." With a club like Girls Who Code, we help send girls on their way to technological success by teaching the basics of coding and maybe even more.	Mr. Madden	154
Harvesters Club	Harvesters is a student-led club dedicated to building a Christian community focused on fellowship, service, and discussions of the Bible. We hope to host a few large events such as worship nights, potlucks, as well as community service.	Ms. Ponce Ms. Xu	134
The History Club	American knowledge of historical events is sorely lacking, and often biased, filled with outdated anachronisms, and damaging misconceptions. Our goal in this club is to engender the learning and discussion of history, in order to allow our minds to more accurately view the past.	Mr. Demeter Ms. Kim	153
Homework Club	This club is designed mostly for freshmen, but not limited to. If you are overwhelmed by the quantity of the assignment and need some place for finishing them, or if you need to get some math help, or if you need some time just to relax this club is for you. Invitation to members of NHS: Sometimes you run at the end of a trimester asking to fill out the form that you helped some students because you need the community hours. This club is for you!!! You may help your friends here and it will be a real help.	Ms. Ogden Ms. Crimmel	265 42 (divide up in ½)
HOSA	HOSA is an International organization which promotes awareness of the health care professions. Students in this club will run our HOSA Blood Drive, create presentations on topics included in HOSA regional, state, and International competitions, and assist with our middle school science fair, the Bergen	Ms. Stott Mr. Dobrich	224

	SciChallenge, just to mention a few. This club focuses on community service and related activities. You do not need to be in the Wednesday club to take part in the competitions.		
HUSO (Harvard Undergraduate Science Olympiad) Club	The purpose of HUSO Club is to prepare team members for the upcoming competition in May. We will be going over practice tests and reviewing them, as well as going over study guides and useful textbooks.	Dr. Bajwa	147
JSA	The Junior Statesmen is one of BCA's largest student-run organizations, as well as one of the oldest high school debate societies in the country. JSA, through our regular Wednesday meetings, as well as our regional and national competitions, allow students to discuss and debate issues on a wide array of topics ranging from politics, economics, and other relevant societal issues. In addition, the club organizes various political awareness and activism campaigns such as mock elections, parent-student potlucks and viewing parties of important speeches and elections. Furthermore, JSA also annually organizes and hosts one of the largest student debate conferences in the region. Our organization has been recognized as the best chapter in the Mid-Atlantic Region and in the top chapters in the nation. JSA is a great opportunity for students who love to debate, or just like to talk about current issues because students can pick their level of involvement and topics of interest.	Ms. Lewitt Ms. Calandra	238b
KnitWits	A group of newbies and experienced knitters and crocheters who will work together to share and build skills. The group will work collaboratively to find an outlet for a collective project as well as create a community of makers.	Ms. Halligan	34
LitMag	LitMag's goal is to collect BCA student and teacher submissions of art, poetry, writing, photography as well as other forms of media and edit, design, and publish them into literary and art magazines to showcase the talents of the BCA community to the world. Additionally, the club seeks to teach its members valuable skills in editing, design, publishing, communication, and leadership.	Ms. Villanova Ms. Diamico-King	35
Make a Movie Club	Calling all aspiring filmmakers and actors! Watch and analyze various films to learn techniques involving the camera, lighting, and acting. Our end goal is to write and shoot a scene using the techniques we studied together.	Ms. Berwick	47
Math Club	The Club is aimed at preparing students for math competitions such as AMC 10, 12, AIME, USAMO and IMO. Students also write math contributions which will introduce them to math research and contests based on math research like the Intel Talent Search, NJRSF and ISEF. Students can also apply for grants which can help them do their math research.	Dr. Penev	268

Model UN	Model UN is an activity where you represent the views of different countries and debate international issues. The Model UN is a major organization here at the Academies. We put on our own Model UN conference called AMUN involving our students and students from other schools. In addition, the Model UN traveling team goes to conferences at schools such as Princeton, Yale, and George Washington University, where we compete against other schools. If you are interested in international affairs, politics, debate, and getting involved in a really cool and well-established organization here at the Academies, join the Model UN club. It's a lot of fun!	Mr. Kramer Ms. Wallace Dr. Janssen	Lower Cafeteria
One School at a Time	Education is the vaccine against poverty. The goal of this club is to help eradicate poverty by working with individual schools in impoverished nations and providing them with the resources they need.	Dr. Heitzman	258
The Open Print	In coordination with the Open Door, an organization that helps immigrants learn how to write English, the Open Print will help to edit and give feedback for the immigrant's writing, as well as design a magazine that will house their pieces. To learn more about the Open Door, visit their website: http://www.theopendoornjny.org/ .	Mr. Demeter Ms. Kim	153
Origami Club	We invite any and all people who are interested in Origami, whether you're a seasoned expert or if you've never done it before! Students will be given the materials, resources, and assistance to begin folding all types of models - flowers, animals, and action models, all of which can be taken home or gifted to others. For beginners, there will be a series of tutorials and models to fold that gradually increase in difficulty to naturally introduce you into the art, but for anybody just looking for some peace of mind, we allow students to spend the time to fold whatever they like, from any diagrams or books provided, or from youtube videos! We will also create some group models, where everybody can fold a few pieces that will be connected to create a bigger piece! No experience required - all you need is a piece of paper, two hands, and a bit of patience.	Ms. Fillebrown	110
Plant and Animal Care Club	Maintain horticultural and animal displays around the campus.	Ms. Zepatos	ESB 103
Red Cross Club	The American Red Cross Club provides its members with opportunities to develop leadership skills and make a profound impact in their community through volunteering. This year, we hope to host a blood drive, raise money for various Red Cross initiatives, promote on social media, and give members the opportunity to become trained in first aid and CPR.	Ms. Tolmo Ms. Seltzer	Upper Cafeteria

<p>Research In Medicine Club</p>	<p>Our goal is to enrich the knowledge of the club members about the medical field by providing a forum for discussion about medicine and biological research that is informative, interactive, and entertaining. We will have professionals from various field of medicine and research come in to talk to members. Members will also have an input on what they would like to discuss; all topics are welcome for discussion! In addition, club members will learn various skills necessary to pursue a career in research and medicine. Club organizers will also give various presentations concerning recent developments in the medical world. Our club allows members to challenge themselves by applying what they learn while providing additional knowledge. Participation in related fundraisers is also encouraged, as the world of science is all about improving the lives of people. This club is open to all students interested in the field of medicine!</p>	<p>Ms. Waldron</p>	<p>176</p>
<p>Rhythm Lounge</p>	<p>This club's goal is to have a deeper connection and comprehension with music we all listen to. In this club not only will we explore and discover different types of music, but we also have the opportunity to create our own music. If you like music, you'll love this club!</p>	<p>Mr. Wilson</p>	<p>45</p>
<p>Robotics Club & Engineering Competitions</p>	<p>The Robotics Club will provide students with a multitude of opportunities to engage in the 'Engineering Design Process'. Student's will hone their 'STEM' based skills by designing, building, and testing various 'Mechanicals' to compete in challenges and competitions.</p>	<p>Mr. Hodroski</p>	<p>235</p>
<p>Science Olympiad</p>	<p>Students will be preparing for participation in the Science Olympiad. The Science Olympiad Competition is a national competition that consists of a series of over 20 different team events, each focusing on different aspects and fields of science—fields like anatomy, forensics, ornithology, boomilever and more—in the form of tests, lab experiments, or engineering activities. In the Science Olympiad club, members prepare for these competitions at the regional, state and national level. Student leaders have an important role in giving guidance to team members and coordinating team efforts. BCA consistently places strongly at the regional level, with multiple individual medals within the team, and has always qualified for the states tournament. The next goal is Nationals! Look for more information on https://www.njscienceolympiad.org/.</p>	<p>Dr. Zubov Ms. Feuss</p>	<p>234</p>
<p>Show Me Your Heart Foundation (SMYH)</p>	<p>The Show Me Your Heart Foundation is a non-profit organization intended to provide opportunities for students in various fields of interest and giving back to the community by organizing events including luncheons where professionals in their respective fields come speak about their experiences, concerts that help raise/spread awareness, and many others that we have planned for the upcoming year. We have and are continuing to work with a large community of organizations and</p>	<p>Ms. Berwick</p>	<p>47</p>

	foundations such as Hackensack Meridian Health, Newark School of the Arts, The Jessie Banks Foundation, St. Joseph's Health Foundation, Steinway & Sons etc.		
Solar Car Club	We will be engineering and building a solar car that will compete in a solar car race against other high schools in the nation. We will get everyone up to speed about the workings of a solar car, how it works, and the design process behind it.	Mr. Samarakone	164
Sports Debate Club	New and experienced sports fans gather and debate about trending topics which allows them to improve debate skills on topics they are passionate about. Sports debate will challenge its members to research and support their claims while being disputed by other sports fans in a relaxed environment.	Ms. Blake	151
Unobtanium Fabrication Club	Learn fabrication techniques, such as cutting, drilling, countersinking, tapping, and stamping to create a product. We supply the unobtanium and you supply the craftsmanship. Remember to "measure once and cut twice."	Mr. Barbetta	166
Weight Training Club	This club is for both the experienced and the beginner, male & female in the area of weight training (strength, endurance, toning or athletic improvement) You will the opportunity to train at your own pace and level and follow your own personal lifting program or we can provide one suited to your goals and experience. You will have the support and encouragement of the faculty club supervisor who is there to ensure you will be successful in reaching the desired outcome you are looking for.	Mr. Symons Mr. Marmora	Fitness Center
Wellness Club	Our club aims to implement initiatives that improve the overall mental health of BCA through interactive activities such as lunch-ins, meditations, and journaling. Our club would be working with the Navigating Success Through Wellness team, as well as student ambassadors to carry out some of these initiatives.	Ms. Sytsma Ms. Fuentes	Commons
Wordle Club	Are you hooked on "Wordle"? Have you scoured the internet for ways to play it more than once a day? Do you enjoy crosswords and other word games? If so, "Wordle World" is the club for you! This club will be devoted to word play in all its forms, including online games as well as the pencil and paper kind. Students will be able to compete with each other using the official Wordle site and by creating their own Wordles. If you're looking for a stress antidote that's pure fun, enter Wordle World!"	Ms. Ballas	203
Yearbook Writing and Photography Club	This club will supplement the Yearbook Project by providing the text and images to document and memorialize the school year. The club is open to both students enrolled and not enrolled in the Yearbook Project.	Ms. Rios Ms. Pagano	150