



## **July Session – Gilman Summer Virtual Camps**

### **Around the Globe in 5 Days**

Not going anywhere this summer? Travel or camp plans canceled? There is still hope! In Around the Globe in 5 Days, you will travel to five marvelous parts of the world, one for each day of the camp week. You will visit Java, Indonesia by exploring Wayang Shadow Puppets. Next, we will go to Macchu Picchu in South America, a great wonder of the world. Then, we're off to explore Africa as a triple threat by exploring wildlife, Kilimanjaro and Seychelles (a beautiful island off of the mainland). We will then hop on an overnight plane ride to Australia where we will spend the day snorkeling through the Great Barrier Reef and end the day cuddling some koalas. To finish our week, we will fly back to the Western Hemisphere and visit the Caribbean, specifically the Dominican Republic. In the Dominican Republic, we will resist the beaches and spend valuable time in the capital city of Santo Domingo.

Coed, entering grades 5 – 8  
Capacity: 15 students  
Fee: \$50

Session 1 Dates: July 6 – 10  
Session 2 Dates: July 13 – 17

Time: 9:00 – 10:00 a.m.

Instructor: Erika Cabrera, Gilman Middle School Social Studies Teacher (Geography and U.S. History)

### **Art - Drawing Workshops**

A variety of drawing lessons will be covered (still-life (food!), landscape themes) leading into wet mediums – watercolor. To actively participate, the following materials would be needed:

- drawing pencils and eraser
- colored pencils
- sketchbook or drawing paper.
- basic watercolor set
- watercolor pad - watercolor paper. (recommended)

Please contact David Anderson - [danderson@gilman.edu](mailto:danderson@gilman.edu) - for details on purchasing materials. Be sure to allocate delivery time when ordering for the start of the course.

Coed, entering grades 5-6  
Capacity: 12 students  
Fee: \$50

Session 1 Dates: July 6 – 10  
Session 2 Dates: July 13 – 17

Time: 10:00 - 11:00 a.m.

Instructor: David Anderson, Gilman Middle School Art Teacher

\*NOTE – Lessons from Drawing Workshop #1 will be different from Drawing Workshop #2



### **The Art of Playing Chamber Music**

Discover the joy of performing in a small ensemble and perform in an iMovie this summer. This course will feature the importance of various chamber music selections, skills required to become a great chamber musician, and training to play in small ensembles. Meet new friends and learn to play in a Clarinet quartet, saxophone quartet, flute trio, or oboe duet this summer.

Coed, entering grades 6 – 8

Capacity: 8 students

Dates: July 7, 14, and 21 (*Class meets ONLY on Tuesdays*)

Time: 4:30 – 5:30 p.m.

Coed, entering grades 9 – 12

Capacity: 8 students

Dates: July 6, 13, and 20 (*Class meets ONLY on Mondays*)

Time: 4:30 – 5:30 p.m.

Fee: \$50

Instructor: Cheryl Nkeba, Gilman School Music Department

\*NOTE: Although registering for both weeks is encouraged, students may attend one or two sessions.

### **Auditioning for Plays and Musicals**

From middle school to Broadway—the audition is the first step for actors of any age or experience who want to be in a show. This camp session is designed for young actors in grades 9-12 who want to expand their audition techniques and choices of audition material, either for plays or musicals or both, and who want to have fun interacting with fellow performers while learning new ways to land the part. In our sessions, campers will work on short monologues and cold readings of scenes, both solo and in combination with fellow performers, and singing actors will work on audition songs as well. We will offer helpful and supportive feedback to each other as we work separately and together on new ways to approach the craft of performing monologues, scenes and musical numbers.

Coed, entering grades 9 – 12

Capacity: 15 students

Dates: July 13 – 17

Time: 10:00 – 11:30 a.m.

Fee: \$50

Instructor: John Rowell, Gilman Upper School Teacher/Theater Director



### **Bake It! (Baking Fundamentals)**

Discover the fundamentals of baking in this engaging online session. Students will explore the basic science of baking through interactive Zoom sessions which include demonstrations, recipes, art, and games. Boys and girls will learn a recipe each day (Funfetti Sugar Cookies, Biscuits with Homemade Butter and Jam, Blueberry Cornmeal Muffins, and more) and have access to the recorded zoom session so that they can bake along later. Adult assistance will be needed (at your convenience) to help students safely use the oven at home. A list of ingredients needed for the week will be provided several days in advance. Recipes provided, apron optional, yumminess guaranteed.

Coed, ages 8 – 12

Dates: July 6 – 10

Time: 9:00 – 10:00 a.m.

Fee: \$50

Instructor: Amy Cyman, Gilman Lower School teacher

### **Baseball History**

“Baseball has nearly all the qualities and narratives that the country has...” (Charly McDowell)

For one week stop and learn about the early history of baseball as well as gain a sense of US History. Using the Ken Burns documentary, we will study the early history of baseball as well as develop a sense of how baseball is reflective of US history. Each class will be devoted to a decade of baseball. We will watch selected video clips, answer a few questions and discuss as a group the formation and development of the game of baseball. If you love baseball and appreciate history, this is the course for you! Note: we might not get through all the decades of baseball so the point of emphasis will be on the first half of the 20th century (1900-1950).

Coed, entering grades 5 – 12

Dates: July 6 – 10

Time: 11:00 a.m. – 12:00 p.m.

Fee: \$50

Instructor: Aaron Goldman, Gilman Upper School History teacher and Dean of Students

### **Building Gilman with Minecraft**

Spend an hour a day for one week helping create a virtual Gilman Lower School with Minecraft Education. Interested students needed to create, collaborate, and problem-solve for this project. Any level of Minecraft builder is welcome!

Coed, ages 8 – 12

Capacity: 15 students

Dates: July 13 – 17

Time: 10:00 – 11:00 a.m.

Fee: \$50

Instructor: Andrew Holt, Gilman Lower School teacher and Reading Specialist



### **Collaborative Musical Composition**

Under the guidance of Mr. Lander, students will come together to create their very own collaborative musical compositions. Students will come up with musical themes and ideas, and brainstorm together to put those ideas together to create never before heard music. The parts will be recorded and edited together to ensure that the creative compositions will be available for all participants to take with them at the close of the camp. Please join us to have fun together while exploring the world of collaborative musical composition.

Coed, entering grades 6 – 12

Capacity: 20 students

Fee: \$50

Session 1 Dates: July 13 – 17

Session 2 Dates: July 20 – 24

Time: 1:00 – 2:00 p.m.

Instructor: Peter Lander, Gilman School Music teacher

\*NOTE: Students are encouraged to register for two weeks, although registering for one week is possible.

### **Dungeons and Dragons**

In this course, students will create characters, solve puzzles, fight monsters, and work with other students in typical dungeons and dragons fashion. We will use the kid-friendly website for dungeons and dragons, *D&D Beyond*. Students will learn how to navigate this site and to create their own characters on the first day. To help facilitate this process, a walkthrough video will be sent to registered students explaining this process. Before the start of the course students should create an account on *D&D Beyond* - <https://www.dndbeyond.com/>. Also, students will need to access the Dungeons and Dragons online dice roller site - <https://www.wizards.com/dnd/dice/dice.htm>. Each one-week session will feature its own unique adventure for registered students. This camp is for *D&D* beginners and those with prior experience.

Coed, ages 12 - 15

Capacity: 7 students

Fee: \$50

Session 1 Dates: July 13 – 17

Session 2 Dates: July 20 – 24

Time: 2:00 – 3:30 p.m.

Instructor: Zack Anderson, Gilman Alum '20, and David Anderson, Gilman Middle School Teacher

\*Zack Anderson has facilitated Dungeons and Dragons sessions for the past few years. He is excited to share his gaming knowledge with interested students whether they are beginners or have prior experience.



### **Exploring the Vietnam War through Art**

In this week-long course, we will explore the history of the Vietnam War through texts, music, poetry, photography, and other art mediums. Students will have two short writing assignments throughout the week and are expected to engage in critical thinking activities and class discussion. Though not required, we will use Russell Freedman's book *Vietnam: A History of the War* to anchor our broad understanding of the conflict and its impact.

Coed, entering grades 6 – 8

Capacity: 12 students

Fee: \$50

Session 1 Dates: July 13 – 17

Session 2 Dates: July 20 – 24

Time: 1:00 – 2:00 p.m.

Instructor: Faith Ward, Gilman Middle School Teacher/Librarian

### **Forensic Science Fun**

Have you ever wondered how crime is solved? How can a single hair land a person in jail? How can DNA exonerate a person from a crime? These are some of the questions we will explore using the science behind forensic investigations. Students will learn how to process crime scenes, analyze hair and fibers, fingerprints, and documents left at the scene. We will look at some landmark cases that have shaped the way we process crime scenes. In this course, students will learn about forensic techniques used and applied at crime scenes. The content, while advanced, is challenging but created in a way that is interesting and engaging with age-appropriate topics for students.

Coed, ages 10 – 14

Capacity: 15 students

Fee: \$50

Session 1 Dates: July 6 – 10

Session 2 Dates: July 13 – 17

Time: 11:00 a.m. – 12:00 p.m.

Instructor: Taushaunna Patience, Gilman Middle School Science Teacher



### **Facts, Myths, and Half-Truths: Golden Age Piracy**

Come set sail on a voyage to discover what it was really like to be a Pirate during the colonial period! We'll explore the biggest names in piracy--Captain Morgan, Blackbeard, and Captain Kidd--while discovering what it really meant to be a pirate on the high seas. Using primary source data and popular culture, we'll discuss the unique economic practices of pirates, their social structure, the legal system, and the lore around them, from their flags to their guns and everything in between. Parrot not included.

Coed, entering grades 9 – 12

Capacity: 15 students

Dates: July 20 – 24

Time: 1:00 – 2:00 p.m.

Fee: \$50

Instructor: Sarah Lloyd, Gilman Upper School History Teacher

### **Knitted Together**

Make your own scarf, blanket, or pillowcase (or all three) and get a workout at the same time! Campers will need to provide their own yarn (doubled or tripled up worsted, bulky, super bulky, or jumbo as desired) and limbs (at least two), but Ms. Schumann will provide the on-line coaching. There may be some awkward, tangled moments, but in the end there will also be a useful item *you* made! (If you need help finding yarn options please seek support from Kip Digges, [kdigges@gilman.edu](mailto:kdigges@gilman.edu), or Sabrina Schumann, [sschumann@gilman.edu](mailto:sschumann@gilman.edu)).

Coed, entering grades 6 – 8 (older students welcome if interested)

Capacity: 15 students

Dates: July 6 – 10

Time: 10:00 – 10:45 a.m.

Fee: \$50

Instructor: Sabrina Schumann, Gilman Middle School teacher

### **Lower School Skills Refresher Class**

This course is for the student transitioning to the increased academic demands of the fourth and fifth grades. The students will focus on honing their skills in reading critically, writing, studying, and mathematics with an eye to giving them a boost for the upcoming school year. Each student will leave the course with a resource workbook to help them refresh and master skills prior to the upcoming school year.

Coed, entering grades 4 – 5

Capacity: 3 - 20 students

Fee: \$50

Session 1 Dates: July 6 – 9 (*No class Friday*)

Session 2 Dates: July 13 – 16 (*No class Friday*)

Time: 12:30 – 2:00 p.m.

Instructor: Katie Thomas, Gilman Lower School Teacher



### **Mathematics of Secrecy: A Brief History of Cryptography**

Cryptography is the art and science of sending messages that can only be read for the intended recipient. The first known cryptographic methods are over two thousand years old. Over the past two millennia, the techniques used to send secret methods have become more and more sophisticated. During the week of this summer program, we will discuss older cryptographic methods as well as their weaknesses. Then we will talk about the revolution in cryptography which occurred in the late 1970's with the discovery of Public Key Cryptography.

Coed, entering grades 9 – 10

Capacity: 12 students

Dates: July 13 – 17

Time: 10:00 – 11:00 a.m.

Fee: \$50

Instructor: Jim Kraft, Gilman Upper School Teacher

### **Math Games and Activities**

We will spend a week with various math games, puzzles, and activities that build on number sense, operational thinking, logic, early algebraic thinking, and general problem-solving. Students may work in small group breakout rooms from time to time. While Zooming, students should have paper, a dry erase board (physical or virtual), or some other form of working out their thinking. This will be a fun, homework-free experience, but students should be comfortable using Zoom and entering short answers to things via the Chat feature. Please feel free to contact me with any and all questions before or after registering. ([aherb@gilman.edu](mailto:aherb@gilman.edu))

Coed, entering grades 4 – 5 (entering 6 grade also could enjoy sessions)

Capacity: 15 students

Fee: \$50

Session 1 Dates: July 6 – 10

Session 2 Dates: July 20 – 24

Time: 9:00 – 10:00 a.m.

Instructor: Adam Herb, Gilman Middle School Math Teacher



### **Math: Pre-Algebra Review**

This course is intended to review and practice major Pre-Algebra skills and concepts. Students will receive instruction with the opportunity for guided practice on Operations with Integers, Fractions, and Decimals, utilizing the Order of Operations throughout. Time permitting and based on progress, we hope to cover Proportions and Percents and do some problem-solving as well. Encouraged, but not required, is the ability to do short homework assignments and assessments with the opportunity to self-check for independent understanding and accountability. This will require printing PDF documents from email or pulling them into an app on a device. While Zooming, students should have paper, a dry erase board (physical or virtual), or some other form of working out problems and taking notes. Students should also be comfortable entering short answers to problems via the Chat feature. A Review/Intro of the basics of Algebra will be offered the week of July 20 as a “continuation” but these two Middle School math classes can also be taken individually. Please feel free to contact me with any and all questions before or after registering. ([aherb@gilman.edu](mailto:aherb@gilman.edu))

Coed, entering grades 6 – 8

Capacity: 12 students

Dates: July 6 – 10

Time: 11:00 a.m. – 12:00 p.m.

Fee: \$50

Instructor: Adam Herb, Gilman Middle School Math Teacher

### **Math: Intro to Algebra / Middle School Review**

This course is intended to review and practice introductory Algebra skills and concepts. Students will receive instruction with the opportunity for guided practice on Expressions, Equations, and Solving for Variables. Time permitting and based on progress, we might cover Slope/Coordinate Graphing, Linear Systems, and Set Theory. Encouraged, but not required, is the ability to do short homework assignments and assessments with the opportunity to self-check for independent understanding and accountability. This will require printing PDF documents from email or pulling them into an app on a device. While Zooming, students should have paper, a dry erase board (physical or virtual), or some other form of working out problems and taking notes. Students should also be comfortable entering short answers to problems via the Chat feature. A Review of necessary Pre-Algebra skills will be offered the week of July 6 as a “prequel” but these two Middle School math classes can be taken individually. Please feel free to contact me with any and all questions before or after registering.

([aherb@gilman.edu](mailto:aherb@gilman.edu))

Coed, entering grades 7 – 9

Capacity: 12 students

Dates: July 20 – 24

Time: 11:00 a.m. – 12:00 p.m.

Fee: \$50

Instructor: Adam Herb, Gilman Middle School Math Teacher



### **Meditation for High School Seniors and Juniors**

Would you like to enter your Junior and Senior years equipped with an ancient tool to help with greater clarity, concentration, focus, calmness, and purpose? Duke University professors developed a specific type of meditation for highly motivated, yet stressed students. This one-week course will introduce participants to Koru Meditation, and will integrate class sessions with guided practice, and other mindfulness techniques.

Coed, ages 16 – 18

Capacity: 12 students

Dates: July 20 - 24

Time: 10:00 – 11:00 a.m.

Fee: \$50

Instructors: Sarah Ross, Director of College Counseling, and Cheryl Nkeba, Gilman Music Department

### **NCAA's Greatest Lacrosse Teams: How is greatness measured?**

Gilman Varsity Coach John Nostrant and other Gilman lacrosse coaches will discuss some of the greatest lacrosse teams of the modern era while breaking down what made them great through videos, conversation, debate, and guest speakers. Each day will examine how greatness is measured while also instructing young players who aspire for excellence how they might achieve their goals. Through conversations with coaches and exceptional players from such teams, campers will gain a better perspective from the words and lessons of those who have been surrounded by greatness.

Coed, entering grades 6 – 12

Capacity: 15 students

Fee: \$50

Session 1 Dates: July 13 – 17

Session 2 Dates: July 20 – 24

Time: 10:00 – 11:00 a.m.

Instructor: John Nostrant, Gilman Varsity Lacrosse Coach, and other lacrosse coaches

### **Reel Talk**

Get your favorite movie snack (popcorn, gummies, apples and peanut butter, etc.) and find a comfy spot because each camp day we will watch half of a movie (movie selections will vary based on camper ages and interests) and then discuss its finer points. Love a great one-shot? Have no idea what a one-shot is? Join us and get to talk all about it.

Coed, ages 12 – 18

Capacity: 15 students

Dates: July 20 – 24

Time: 10:00 – 11:30 a.m.

Fee: \$50

Instructor: Sabrina Schumann, Gilman Middle School Teacher



### **Sabermetrics - An Introduction to Baseball Statistics**

Baseball has changed significantly over the past twenty years. Many of these changes are due to the increasing use of statistics to better understand the game. There is more information available about every aspect of the game and this information helps us to make better decisions about players, about strategy, about what is important. This course will be a gentle introduction to these changes and activities that introduce some of the statistical ideas that play a role in this movement.

Coed, entering grades 6 – 8

Dates: July 6 – 10

Time: 10:00 – 11:00 a.m.

Fee: \$50

Instructor: Ian Brooks, Gilman Upper School Math Teacher

### **Science Experiments**

What if we added hydrogen peroxide and dish soap? What happens when we add oil and water? How can I make slime? Are these the questions you often have or hear? In this course, we will explore some unique chemical combinations. We will use everyday materials found at home to make some interesting science experiments. We will learn the science behind certain materials to create and explore certain phenomena.

Coed, ages 10 – 14

Capacity: 15 students

Fee: \$50

Session 1 Dates: July 6 – 10

Session 2 Dates: July 13 – 17

Time: 2:00 – 3:00 p.m.

Instructor: Taushaunna Patience, Gilman Middle School Science Teacher

### **Spanish: Play and learn Spanish**

Spend an hour every morning learning and practicing Spanish as we bring cultural exploration to life in ways that are memorable and meaningful. We will listen to short stories, play games, learn about sports, and have printable materials that you can download to reinforce what we learned each day. Did someone ever tell you that you can get to know a culture through their food? Well, it is true! We will explore some foods from Spanish speaking countries, and we may even get to prepare a yummy dish together! We will have live Zoom sessions daily and our virtual program will be engaging, exploratory, and interactive. NOTE: Your child will receive a list of materials to have at home for their activities for the week. Our virtual program will be engaging, exploratory, and interactive.

Coed, ages 6 – 10

Capacity: 15 students

Dates: July 20 – 24

Time: 10:00 – 11:15 a.m.

Fee: \$50

Instructor: Cecilia Eppler, Gilman Lower School Teacher



### **Sports Broadcasting: From ESPN to GTV**

This 4-day workshop will examine the evolution and practices of sports broadcasting from ESPN's beginnings in 1979 to the current practice of streaming events. Students will learn, discuss, and practice some of the techniques required to go 'on air' and describe both live and past events. Students will also conduct interviews, debate topics, and analyze video, among other projects.

Coed, entering grades 7 – 12

Capacity: 16 students

Dates: July 6 – 9 (*No class Friday*)

Time: 11:00 – 12:30 p.m.

Fee: \$50

Instructor: Brooks Matthews, Gilman Upper School Teacher

### **Ukulele Universe**

Budding ukulele players will learn the basics of playing the popular string instrument in this beginner level class. Recommended for boys and girls with little to no playing experience, students will learn how to read simple rhythms, decipher notes on the staff, and read tablature for chords. A ukulele at home is required (soprano or concert) and questions about appropriate instruments should be directed in advance of the class to [acyman@gilman.edu](mailto:acyman@gilman.edu). Music will be provided for practice between sessions. Rock along with us as we begin a journey into the Ukulele Universe!

Coed, ages 6 – 12

Dates: July 20 – 24

Time: 9:00 – 10:00 a.m.

Fee: \$50

Instructor: Amy Cyman, Gilman Lower School Teacher

### **Young Science Explorers**

Learn about science every morning through our interactive and hands-on indoor and outdoor activities from the comfort of your home. Discover, create, explore, learn, laugh, and have fun while you learn about chemical reactions, explore your surroundings creating a bio-square, cook in a solar oven, and more. Our virtual program will be engaging, exploratory, and interactive by encouraging children to embark on a series of fun and exciting science adventures every day while staying at home. We will have live Zoom sessions daily. NOTE: Your child will receive a list of materials to have at home for their activities for the week.

Coed, ages 5 – 10

Capacity: 12 students

Session 1 Dates: July 6 – 10

Session 2 Dates: July 13 – 17

Time: 10:00 – 11:30 a.m.

Instructor: Cecilia Eppler, Gilman Lower School Teacher



## UPPER SCHOOL ACADEMICS

**\*Not eligible for Summer2020Plus Discount\***

### **Chemistry Enrichment (*Gilman Students ONLY*)**

This enrichment course is designed to introduce students to the fundamental concepts of chemistry and to prepare students for the year-long laboratory course. The course will emphasize the topics of atomic theory, atomic structure, periodicity of the elements, molecular structure and behavior, gas behavior, reaction rates, and acid-based equilibrium. Enrolled students must attend the entire week.

Entering grades 10-11

Dates: August 10 - 14

Time: 12:00 p.m. - 2:00 p.m.

Location: Upper School Science Building

Fee: \$250

Instructor: Jim Morrison, Gilman Upper School science teacher

### **College Application Essay-Writing Workshop**

Seniors of the Class of 2020 – Would you like to have at least three essays and one college application completed before school begins? The Gilman Application Essay-Writing Workshop will help you to complete a significant amount of application work within one week. Using the online Common Application, students will be guided through the common app and its essays, at least one college supplement, and at least three essays by the conclusion of the program. Actual essays and writing examples will be used to help guide students through the process of crafting the most effective writing for their applications.

Coed, entering grade 12

Session 1 Dates: August 17 - 20 (*No class Friday*)

Time: 6:00 p.m. - 8:00 p.m.

Fee: \$300

Session 2 Dates: August 24 - 27 (*No class Friday*)

Time: 6:00 p.m. - 8:00 p.m.

Fee: \$300

Location: Lumen Center Lecture Hall

Instructors: Sarah Ross, director of college counseling at Gilman; Justin Baker, Anna Follensbee, and Matt Herman, Gilman college counselors.



### **Spanish Honors Prep (*Gilman, BMS, and RPCS Students*)**

The course will be tailored specifically to the needs of the enrolled students. Through practice speaking in pairs and small groups, students will further develop both fluency and accuracy in their oral communication. Authentic oral and written texts – created by and for native Spanish speakers – will serve as a primary vehicle for improving listening and reading comprehension while offering avenues for cultural exploration. Additionally, peer collaboration on creative mini-projects will provide students with an engaging and effective way to hone their Spanish skills in the summer.

This summer course is designed for:

1. Students currently not enrolled in a Spanish honors course who have been identified as candidates for honors-level study by their current instructors
2. Students currently enrolled in an honors Spanish course who may have struggled to reach honors-level expectations or motivated honors-level students seeking summer enrichment (preference will be given to students previously contacted by the language department)

Coed, entering grades 9 - 12

Dates: August 10 - 21

Time: 1:00 p.m. - 3:00 p.m.

Location: Upper School Spanish Classrooms (Lumen Center)

Fee: \$500

Instructor: Clare Brennan and Matt Zealand, Gilman Upper School Spanish teachers

### **Tutorials**

Tutoring fee: \$75 per hour for one student. Available from June 15 - July 17.

#### Foreign Language Tutorials

Private tutoring is available in French, Spanish, and Latin for coed students, grades 1 - 12.

#### Math and English Tutorials

Private tutoring is available in Math, and English for coed students entering grades 6 - 12.