



Winchester Thurston School

2020 Summer Scholars Upper School Workshops Academic Enrichment Programs & Courses Designed Specifically for Grade 9-12 Students

Session I: June 15 through July 2, 2020

Session II: July 5 through July 23, 2020

Summer 2020 Online SAT/ACT Combination Test Prep Course

Grades 11, 12

Program Tuition: \$ 1,200.00

Online Course 2:30pm-4:30pm Monday through Thursday sessions with Saturday Practice Tests

These unique and intensive online programs are designed to help students prepare for both the SAT and ACT tests and to determine which test might be the better fit for individual student goals and target universities. Students will review how each question type is designed to test them on a very narrow set of skills, specifically step-by-step thinking processes. Students will also review every concept they will encounter on each test and develop a clear system for each section. Each course is taught by a full-time Goldstein Test Prep instructor, all of whom have scored in the 99th percentile of test-takers. Class sizes will be limited to ensure that all participants receive personalized attention. Additionally, students will be welcome to sit in on future Goldstein Test Prep SAT and ACT courses to review at no additional charge.

Lead Instructor: Goldstein Test Prep Faculty

June 22-26, 2020

A Discussion on Individualism in America

Grades 9, 10, 11, 12

Program Tuition: \$ 100.00

Online Course 1pm-2pm One Week Monday through Friday Workshop (5 sessions total)

Join Ms. Sickler and fellow students in a workshop to review and discuss classic readings that explore the phenomena of American Individualism. These readings include Benjamin Franklin's Autobiography, Frederick Douglass' Narrative of the Life, Henry David Thoreau's Civil Disobedience and Other Essays, Charlotte Perkins Gilman's Women and Economics, and others.

Lead Instructor: Ms. Kate Sickler, WT Computer Science Teacher & Voices Faculty Advisor

July 6 through 31, 2020

Middle East and North Africa (MENA) Virtual Study Abroad Program

Grades 9, 10, 11, 12

Program Tuition: \$ 1,900.00

Four Week Online Experience

Mondays, Tuesdays, and Thursdays – 2-hour afternoon sessions each day.

Programming will need to be flexible as we work with our in-country specialists, journalists, activists, and special guests. Dr. Andy will confirm weekly schedules with students and families in advance.

Collaborating with AMIDEAST, a non-profit which engages in international education in the Middle East and North Africa (MENA), Winchester Thurston School will offer a virtual study abroad seminar through 4 weeks in the summer 2020. Students will engage in beginning Arabic language development with native speaking instructors in the region; engage with activists, academics, journalists in the region discussing the post-Arab spring world; students will have the opportunity to participate in a virtual cultural exchange with their peers in the region.

About AMIDEAST

Founded in 1951, AMIDEAST is a leading American nonprofit organization engaged in international education, training, and development activities in the Middle East and North Africa. We believe that self-forged, fulfilled lives lead to understanding, mutual respect, and a more peaceful, productive world. This program is typically offered to university students. WT Upper School students can take advantage of this unique program and the access to professionals and student peers in the MENA region this summer with WT!

About Dr. Joshua Andy

Dr. Joshua Andy will be starting his 10th school year at Winchester Thurston School this fall. Prior to joining WT, Dr. Andy taught at Penn State and Washington & Jefferson College. He received his PhD from the University of Birmingham UK. In 2013, Dr. Andy spent spring break studying in Amman, Jordan. As a historian, Dr. Andy's specializes in historical memory of the Holocaust.

July 6 through July 31, 2020

Creative Writing Workshop

Grades 9, 10, 11, 12

Program Tuition: \$ 200.00

Four Week Online Experience

11am - noon Tuesdays and Thursdays (8 sessions total)

For students wishing to develop their skills as creative writers and experiment with a range of literary genres, the WT English Department will be offering a series of online writing workshops. Each week of classes will begin with an instructor introducing a genre of creative writing and offering students writing prompts to inspire their own contributions to that genre, which they will continue to develop outside of class. At the second session, students will have the chance to workshop a draft of a piece that they produced and receive feedback from their peers and instructor.

The schedule for workshops is as follows:

- Week One (7/7 and 7/9) : Flash Nonfiction with *Ms. Kovacic*
- Week Two (7/14 and 7/16): Flash Fiction with *Ms. Valdez*
- Week Three (7/21 and 7/23): Writing about the Self (Poetry & Nonfiction) with *Ms. Mohn-Slate*
- Week Four (7/28 and 7/30): Poetry with *Ms. McDermott*

July 6 through July 31, 2020

Introduction to Film Studies

Grades 9, 10, 11, 12

Program Tuition: \$ 120.00

Four Week Online Experience

1pm-2:30pm Thursdays (4 sessions total)

With movie theaters closed this summer, enjoy the chance to connect with fellow peers in discussing and writing in response to contemporary American films. Participants in this summer course will learn the basics of film analysis, practice the craft of film review, engage in dynamic discussions, and respond creatively to the silver screen works that they study.

Each session of this four-week course will focus on a single film in the order listed below:

- Week One (7/9): Introduction to Basic Terms and Film Analysis
- Week Two (7/16) : Destin Cretton's [Short Term 12](#)
- Week Three (7/23): Julia Hart's [Fast Color](#)
- Week Four (7/30): Joe Talbot's [The Last Black Man in San Francisco](#)

Students should expect around two hours of asynchronous film screening and one hour of asynchronous writing each week in addition to one 80-minute synchronous meeting. Students will need to obtain access to the films on their own, all of which are available to stream for free via Amazon Prime (which has a 30-day free trial available).

Lead Instructor: Mr. Matthew Bachner, WT English Teacher – Department Chair

July 7 through July 28, 2020

Summer Health Course *for WT Graduation Requirement Credit

Grades 10, 11, 12

Program Tuition: \$ 300.00

Four Week Online Experience

1pm-3pm Tuesdays (4 sessions total)

In this course, students will learn important self-care and life skills that will allow them to navigate life as a teen more effectively. Through class discussion, guest speakers, and both independent and project-based work, students will develop these 4 skills:

- Identifying and connecting with personal values through mindfulness;
- Developing and maintaining satisfying, authentic relationships;
- Understanding your emotions and letting them *guide* you, not *control* you!
- Coping when life gets really, super tough.

This course will also involve an engaging capstone group project to allow students to think creatively about applying skills they've learned. Students should anticipate, in addition to the three hours per week of a combination of synchronous and asynchronous coursework, to spend approximately two hours per week on homework.

Lead Instructors: Ms. Bethany McLaughlin, WT Upper School Counselor and Ms. Sara Leone, WT Middle School Counselor

July 6 - 10, 2020

CODING 2048

Grades 9, 10, 11, 12

Program Tuition: \$ 100.00

One Week Online Experience

1pm-2pm One Week Monday through Friday Camp Course (5 sessions total)

Code 2048 using Processing. The class will go over computer science topics such as interfaces, two-dimensional arrays, input, and output.

Lead Instructor: Ms. Kate Sickler, WT Computer Science Teacher & Voices Faculty Advisor

July 6 - 10, 2020

Civic Action: We Are Creators

Grades 9, 10, 11, 12

Program Tuition: \$ 100.00

One Week Online Experience

10am-11am One Week Monday through Friday Camp Course (5 sessions total)

Students will examine contemporary and historical figures that used their talents to reimagine and transform their lives and the lives of those around them. We will have fun discussing what it means to be a creator while also dreaming up the world we want to create for ourselves and for one another. We will explore our own gifts and talents, use what they have learned, plan and execute a small action project designed to CREATE POSITIVE CHANGE.

Lead Instructor: Ms. Callie Gropp, WT History Teacher

July 6 - 10, 2020

Getting the Most Out of Your TI Calculator and Geogebra!

Grades 9, 10, 11, 12

Program Tuition: \$ 100.00

One Week Online Experience

11am-noon One Week Monday through Friday Camp Course (5 sessions total)

Technology is a powerful tool in learning mathematics. Unfortunately, some technology has a steep learning curve and can be frustrating. This program is designed to teach students how to use aspects of their TI graphing calculator. We will spend time learning some of the built-in features, as well as programming the calculator to do things that are useful and not built-in to the technology. Additionally, students will learn some aspects of Geogebra, a powerful and free Math App.

Lead Instructor: Mr. Stephen Miller, WT Math Teacher – Department Chair

July 6 - 10, 2020

Citizen Science

Grades 9, 10, 11, 12

Program Tuition: \$ 300.00

One Week Online Experience

10am-1pm One Week Monday through Friday Camp Course (5 sessions total)

With the advent of supercomputing power on your laptop and crowdsourcing of data, you can now get involved in scientific research in a whole new way - without knowing much of anything about the science! All you have to do is have an inquisitive mind and a desire to participate. Each class we will investigate different citizen science projects and then students will have the time to participate in them and find new ones to discuss in class. If a project truly sparks and interest it can lead to long-term involvement in important, ground-breaking science.

Lead Instructor: Dr. Lynn Horton, WT Biology and Chemistry Teacher – Debate Team Coordinator

July 6 through 31, 2020

Battle of the Books

Grades 9, 10, 11, 12

Program Tuition: \$ 40.00

Full month asynchronous Team Prep/Reading and One Prize-Filled Trivia Night

Battle of the Books, is a trivia contest based on books. This summer we will create teams of 3-5 students from individual registrations. As soon as the registration is finalized, teams will be created based on individual registrations. Teams will designate a team captain and select a team name. On/by July 6 all teams will receive their **five book kit**. All members of each team can choose to read all five books or individual books can be assigned to team members. Our experience will culminate with an ONLINE *Battle of the Books Trivia Night* structure:

- There are three rounds of questions--plot, character and setting
- Teams will be sent into breakout rooms and given 90 seconds to answer each question
- Points will be tallied between rounds by facilitator
- The top 3 Winning teams will win prizes! Individual members from each team will receive fabulous prizes, including gift cards, books, WT gear, and more!

Lead Instructor: Ms. Madeleine O'Donnell, WT Director of Library and Information Services

July 6 through 17, 2020

Fashion Forum: The Study of Four Unique Eras in Western Fashion

Grades 9, 10, 11, 12

Program Tuition: \$ 175.00

Two Week Online Experience

1pm-3pm Mondays and Wednesdays (4 sessions total)

If you are interested in fashion design, consider the argument that you can't know where you're going if you don't know where you've been. Join the ranks of designers like Vivienne Westwood, Ralph Lauren, and Madeleine Vionnet (do you know her? You should!), who found their muses in the clothing of the past. We will study four different eras of Western fashion and then take on the challenge to design your own looks of the era - or looks that mix modern and historical sensibilities! All registered students will receive a reference book, drawing journal, and set of art pencils.

Lead Instructor: Ms. Caroline "Nana" Massie, WT ESL Teacher and Dean of International Student Affairs

Session I: July 13-16, 2020

Session II: August 3-6, 2020

College Essay Writing Seminar

Grade 12 ONLY

Program Tuition: \$ 350.00

One Week Online Experience

11am-1pm Mondays through Thursday (4 sessions total)

Summer is the perfect time to finish the majority of the work on your college essays before the start of senior year. This seminar, designed for rising seniors, will provide time for you to reflect and draft your college essays. You will have the opportunity to explore different essay topics through self-reflection, work on drafts of your essays, and receive detailed feedback before you begin submitting your college applications. In addition, the seminar will provide rising seniors the opportunity to review different short answer questions asked by colleges and discuss different ways to answer them.

Mr. Weisbord will be available for one-on-one and small group Q&A time during break-out work, and draft writing times.

Lead Instructor: Mr. David Weisbord, WT Director of College Counseling

July 20-24, 2020

Fantasy Football and Game Theory – Session A – Beginners/Novice Level

Grades 9, 10, 11, 12

Program Tuition: \$ 100.00

One Week Online Experience

1pm-2pm Mondays through Friday (5 sessions total)

Under the guidance and leadership of Coach Morales, each session will consist of drafting (selecting) players so that each participant will draft his/her "best" team. Discussion will involve statistics and probability of outcomes. In addition, built into fantasy football is the idea of risk/reward ratios and significant research of player statistics. We will take time to examine each player's risk/reward ratio and hope that our time together will continue into the Fall 2020 Football Season!

Lead Instructor: Mr. Edgar Morales, WT History Teacher

July 20-24, 2020

The Battlefield of Your Body: Your Immune System vs. Viruses

Grades 9, 10, 11, 12

Program Tuition: \$ 300.00

One Week Online Experience

10am-2pm Mondays through Friday (5 sessions total)

Have you ever wondered how your immune system keeps you healthy and what happens when you get sick? Have you recently become interested in what the heck viruses really are? If so join this class to get most (or at least some) of your questions answered. Only a basic (middle school) knowledge of Biology is needed to understand the ins and outs of how viruses invade our body and our bodies use our immune systems to fight them. Together we will explore the different aspects and components of your amazing immune system, the myriad types of viruses out there, and how the battle between viruses trying to take over our cells and our immune system trying to block that take over occurs. In particular we will focus on tricks viruses such as HIV, influenza and SARS-2 CoV (known as COVID-19) use to infect, replicate and spread, and how our immune system succeeds, and fails, in preventing those. We will also discuss the science behind the creation and application of vaccines to fight off viruses. Both in class time for learning about topics, outside research on topics of interest, and discussion of topics of interest will be included in the class.

Lead Instructor: Dr. Lynn Horton, WT Biology and Chemistry Teacher – Debate Team Coordinator

July 20-24, 2020

Art Appreciation: The Art of Slow Looking

Grades 9, 10, 11, 12

Program Tuition: \$ 100.00

One Week Online Experience

10am-11am Mondays through Friday (5 sessions total)

This course will involve spending a long period of time looking at, discussing, and trying to understand a new work of art each day. This prolonged and mindful engagement with a single work of art each day enhances critical thinking skills and leads to a more enriched appreciation of the work of art. Students will then be asked to creatively respond to the different work of art each day through poems, short stories, a personal work of art, or any other creative way that the student can imagine.

Lead Instructor: Ms. Michele Farrell, WT Visual Arts Teacher and Thistledown Yearbook Advisor

July 20-24, 2020

Introduction to Botanical Drawing

Grades 9, 10, 11, 12

Program Tuition: \$ 100.00

One Week Online Experience

2pm-3pm Mondays through Friday (5 sessions total)

By using plants and flowers for inspiration, students will learn to identify basic shapes in nature and use a step-by-step process to create the illusion of depth through light, shadow and perspective. Take advantage of this special at home studio time to learn, to practice, to appreciate, and to create!

Lead Instructor: Ms. Michele Farrell, WT Visual Arts Teacher and Thistledown Yearbook Advisor

July 27-31, 2020

Fantasy Football and Game Theory – Session B – Experienced Level

Grades 9, 10, 11, 12

Program Tuition: \$ 100.00

One Week Online Experience

1pm-2pm Mondays through Friday (5 sessions total)

Under the guidance and leadership of Coach Morales, each session will consist of drafting (selecting) players so that each participant will draft his/her "best" team. Discussion will involve statistics and probability of outcomes. In addition, built into fantasy football is the idea of risk/reward ratios and significant research of player statistics. We will take time to examine each player's risk/reward ratio and hope that our time together will continue into the Fall 2020 Football Season!

Lead Instructor: Mr. Edgar Morales, WT History Teacher

July 27 through August 7, 2020

Speech I Section 2 *for WT Graduation Requirement Credit

Grades 10, 11, 12

Program Tuition: \$ 475.00

Two Week In-Person Program at WT

10am-2pm Mondays through Friday (10 sessions total)

This program offers an additional opportunity for WT students entering grades 10, 11 and 12 to fulfill graduation requirements and to accelerate academic achievement. This course is designed to train students to speak confidently and competently in a public forum. It offers both theory and practice in all areas of oral expression. General areas of study are speech delivery, speech composition, persuasion, effective listening, and group discussion. Required for WT graduation.

Lead Instructor: Ms. Barbara Holmes, WT Performing Arts Teacher

August 3-7, 2020

DEBATE Boot Camp

Grades 9, 10, 11, 12

Program Tuition: \$ 300.00

One Week Online Experience

9:30am-11am and 2pm-4pm Mondays through Friday (10 sessions total)

This class will be an introduction to Public Forum debate, a lively debate style based on the news show "Crossfire". In this "boot camp" you will learn about how to construct a Public Forum debate with a partner, then participate in debates with other people in the class. We will discuss how to do research on the topic, pick salient points to support your arguments, construct both "pro" and "con" speeches, and how to interrogate your opponents to gain an advantage in the debate. Each day we will discuss research and valid arguments, and write and practice a portion of the Public Forum debate. Mornings will be devoted to discussing how to do research and use that research to make strong arguments (both pro and con). After you will be released to do the research and write up your arguments in the Public Forum debate format. Afternoons we will gather again to present your work on the research and argument construction. By the last day of the week, you will participate in a round robin Public Forum debate with other members of the class. Along with learning about debate we will explore similar Speech and Debate events, such as Extemporaneous speaking and impromptu speaking that will enhance both your ability to think on your feet, and your overall presentation skills. If you think you are interested in participating in our Debate club next year, this will be a great introduction to the fun and exciting world of Speech and Debate competitions.

Lead Instructor: Dr. Lynn Horton, WT Biology and Chemistry Teacher – Debate Team Coordinator

August 3-7, 2020

Black & White Photography Lab

Grades 9, 10, 11, 12

Program Tuition: \$ 375.00

One Week In-Person Program at WT

9am-4pm Mondays through Friday

This one-week photo-immersion program is a practical and theoretical course that introduces students to the art of taking, developing, printing, and evaluating black-and-white photographs. Students will learn to use a 35mm camera and the darkroom techniques for developing film and printing from negatives. Shooting and printing assignments teach students basic principles of design, including visualization, composition, and perspective. For this summer program, students will use 35mm SLR film cameras (the traditional manual cameras with a full range of aperture settings and shutter speeds). We will leave this week of artistic expression with a portfolio of photos taken and development by campers.

Lead Instructor: Mr. Carl Jones, WT Visual Arts Faculty and Professional Artist

August 3-7, 2020

Sharpen Your Algebra Skills Workshop

Grade 9 ONLY

Program Tuition: \$ 275.00

One Week In-Person Program at WT

9am-noon Mondays through Friday

Take advantage of this opportunity to refresh and accelerate your academic achievement in math as you enter Upper School.

This course helps students represent and analyze mathematical situations through the use of algebraic symbols to represent and explain relationships and to solve problems.

Students will use tables, graphs, and equations to represent linear and nonlinear relationships and will become proficient at simplifying expressions and solving equations and systems of equations. Various methods of solving quadratic equations will also be covered.

In order for us to make the most of our time together, evening practice work will be assigned.

This summer refresher course gives rising Grade 9 math students the rocket fuel they need to start off their Upper School math path with a boost!

Lead Instructor: Mr. Michael Davidson, WT Upper School Math Faculty

August 3-7, 2020

Summer Athletes – Sports Performance Primer

Grades 9, 10, 11, 12

Program Tuition: \$ 385.00

One Week In-Person Program at WT

9am-4pm Mondays through Friday

The Sports Performance Summer Camp is designed for active or aspiring athletes. The focus of this training camp is to improve speed, agility, strength, coordination and overall power. This program is designed to get athletes ready for the upcoming Fall 2020 season.

Students will engage in a wide variety of sport-specific conditioning. The drills we use will focus on agility and coordination, while resistance training emphasizes optimum body mechanics and joint stability.

Bodyweight and cardiovascular exercise will complement the routine by improving body control, and prepare the student-athlete for the demands of the sport. This camp places demands on the athlete that mimic realistic situations in sport and emphasize injury prevention.

Participants will have fun, build confidence and work in teams to build sportsmanship. Students will also be taught the basics of sports nutrition.

The camp starts with a goal-setting session and finding your 'why' as it relates to athletics. By the end of the camp, students will have a strong foundation of strength training, coordination, accuracy, and endurance that will set them up for success in their sport of choice.

Lead Instructors: Jodi Butler and Jamie Reighard Co-Owners of Pittsburgh FIT