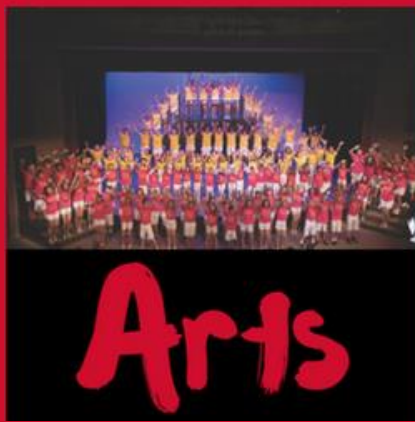


# Summer Programs 2017



# Summer Programs

Sewickley Academy Summer Programs are open to all students!

Experience the Sewickley Academy during summer break. Sewickley Academy's Summer Programs welcome students from the Pittsburgh region to participate in our creative and challenging academic and art programs and sports camps taught by Sewickley Academy faculty!

## **Registration**

To register please visit: [www.sewickley.org/summer](http://www.sewickley.org/summer). All registrations and payments are available online only.

## **Cancellation Policy**

1. Course registrations can be cancelled in no less than 10 business days before the beginning of the course. Please be advised that a \$50 cancellation fee will be charged per each cancelled course regardless of the date.
2. Cancellations received less than 10 business days before the course start will not be refunded. [An exception will be made for the courses that last four or more weeks and cost more than \$400. These courses can be cancelled within the first three days of the course start. Sewickley Academy will refund 67% of the course fee, and a student will be charged 33%, plus the \$50 cancellation fee.]
3. To cancel a course registration, please email Director of Summer Programs Nataliya Di Domenico at [ndidomenico@sewickley.org](mailto:ndidomenico@sewickley.org) indicating student's name, course title, and fee paid no later than 10 business days before the start of the program.
4. Sewickley Academy reserves the right to cancel courses that do not meet minimum enrollment requirements. Notice of a course cancellation will be given to families no later than 10 business days before the course starts.

## **Information & Policies**

- The grade range listed for each course is indicated by the grade a student will enter in the fall of 2017 or the current age of the child.
- Registrations and refunds will be processed in the order in which they are received.
- Students are expected to be on time, attend courses at all prescribed times, and bring required materials. Course fees are not pro-rated for absences.
- Summer dress should be casual, comfortable, and appropriate.

# Arts

## **Performing Arts Camp (P.A.C) 2017**

Grades 2-12

Register at [www.performingartscamp.net](http://www.performingartscamp.net)

Performing Arts Camp (P.A.C.) students finishing Grades 2-12. It is an intensive four-week theatrical experience for the highly motivated performing arts student. Experts in drama, voice, and dance guide students through the performance of two professional productions. Comprehensive, age-appropriate instruction will develop individual talents and abilities. Emphasis is placed upon enhancing poise, self-esteem, and confidence that will last a lifetime.

Please check your summer vacation plans as these are later dates than normal. Our groups fill quickly. We hope to see you!

**Evaluation Day:** Friday, June 16, 2017

**Camp Dates:** June 19 - July 16, 2017 (Monday – Saturday, plus most Sundays)

**First Show:** Friday, July 7, 2017

**Second Show:** Friday, July 14, 2017

**Mandatory Clean-Up Day:** July 15, 2017

**Location:** Sewickley Academy's campus

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## **Studio Drawing & Painting Classes**

Ages 10-13

Line, color, and cartoons! This course involves drawing and painting instruction with all manner of subjects, from landscapes and portraits to popular cartoons and caricatures. Bring your own ideas to draw and paint so as to create highly personalized artwork that are uniquely your own. All media will be explored, from charcoal and graphite to acrylic paint and mixed media. (This is a 15 hour course.)

Please feel free to bring drinks and snacks. All materials will be supplied.

**Dates:** June 26 - 30, 2017

**Time:** 1:00 p.m. - 4:00 p.m.

**Fee:** \$385

**Location:** Sewickley Academy's campus

**Instructor:** Dr. Robert Edwards, Sewickley Academy Summer Faculty

**Min. enrollment** - 4

**Max. enrollment** - 16

## Rock School Pittsburgh's Summer Camp

Grades 2-12

Do you want a summer camp that gets loud? Rock School of Pittsburgh offers an unforgettable week of rocking out and making friends! In addition to the performance that caps off the week, you will learn everything you need to know about running your very own group.

First, you are placed in a band based on age, skill level, and musical interests. You will also have a press photo shoot, screen print your own T-shirt and learn from experienced, lifelong music professionals who will take your performance to the next level. Previous playing experience is encouraged but not required.

**Dates:** June 19 - 23, 2017

**Time:** 9:00 a.m. - 3:00 p.m.

Please note that camp runs from 10:00 a.m. to 2:00 p.m. Additional time is for supervised practice on site.

**Fee:** \$310

**Location:** Sewickley Academy's campus

**Min. Enrollment** - 10

**Max Enrollment** - 25

**Instructor:** Rock School of Pittsburgh, Sewickley Academy Partners

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## *Athletics*

### Lower School Soccer Camp

Grades K-5

Lower School Soccer Camp hopes to instill in young players a love of the game of soccer. Players will be trained in individual skill, tactics, and teamwork. The first hour of each practice will focus on skill training, the second hour on fun games to practice the skills, and the third hour will be small-sided games including kids versus coaches. Players of all ability levels are encouraged to join us. Campers who register by May 15 will receive a camp soccer ball.

**Dates:** June 19 - 23, 2017

**Time:** 1:00 p.m. - 4:00 p.m.

**Fee:** \$180

**Location:** Sewickley Academy's campus

**Instructor:** Jessica Peluso, Sewickley Academy Head Varsity Soccer Coach, Senior School History Teacher, and varsity soccer players

**Min. enrollment** - 15

**Max. enrollment** - N/A

## **Journey to the Hoop Basketball Camp**

**Rising Grades 4 through 9 Girls**

**Rising Grades 4 through 9 Boys**

The 16<sup>th</sup> annual Journey to the Hoop camp stresses teamwork, hard work, building confidence through skill building, fun, and sportsmanship. Coaches and varsity players from the Senior School programs will coach the campers throughout the week in stations that teach the fundamentals of the game, skills competitions, and games.

Campers will have daily opportunities to develop the skills of shooting, passing, and dribbling and how to integrate them into the game of basketball while participating in games. Each camper will be able to earn prizes in competitions throughout the week.

Please bring a snack and drink each day.

**Dates:** June 12 - 16, 2017

**Time:** 9:00 a.m. - 12:00 noon

**Fee:** \$155

**Location:** Sewickley Academy's new Events Center and Means Alumni Gym and Snyder Gym.

**Instructors:** Camp director, Win Palmer, three-time State of Pennsylvania and Virginia coach of the Year. His teams have captured five State Championships, three WPIAL Championships, and 22 regular season Section Championships as his teams have won over 600 basketball games.

**Coaches:** Almamy Thiero, varsity and Middle School boys basketball coach and director of the College Basketball Prospects of America developmental program; Derek Chimner, varsity boys basketball coach; Mariam Sy, head varsity girls basketball coach; Shannon Rankin, Middle School girls basketball coach; and Senior School basketball players from both the boys and girls

# *Creative Playgroups*

## **Fun and Fitness**

### **Ages 4-6**

Get up and move! Summer is NOT the time for sitting down! Join us as we explore different ways to get fit and have a great time doing it! We will sample different sports, dabble in yoga, and more! Please wear comfortable clothing/tennis shoes. Please bring a snack, water, and a smile!

**Dates:** June 26 - 30, 2017

**Time:** 9 a.m. - noon

**Fee:** \$165

**Location:** Sewickley Academy's campus

**Instructor:** Katie McAfee, Sewickley Academy Summer Faculty

**Min. enrollment** - 8

**Max. enrollment** - 15

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## **Animal Planet**

### **Ages 4-6**

Each day, we will explore a different habitat and the animals that live there. We will explore how animals live throughout the world with stories, songs, and activities! Please bring a snack, water, and a smile!

**Dates:** August 14 - 18, 2017

**Time:** 9:00 a.m. - noon

**Fee:** \$165

**Location:** Sewickley Academy's campus

**Instructor:** Katie McAfee, Sewickley Academy Summer Faculty

**Min. enrollment** - 8

**Max. enrollment** - 15

# Humanities

## **American Girl Doll Camp**

**Grades K- 3**

Bring your American Girl doll, or any favorite doll, to this special week! We will read stories and books, explore what life was like during the different eras of American history that some dolls represent, and of course, have time to play and make crafts from different time periods. On Friday, we will celebrate with a special doll tea party!

**Dates:** June 26-30, 2017

**Time:** 9:00 a.m. - noon

**Fee:** \$205

**Location:** Sewickley Academy's campus

**Instructor:** Kathy Boehmig, Sewickley Academy Grade 2 Teacher

**Min. enrollment** - 8

**Max. enrollment** - 20

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## **Reading Strategies**

**Grades 4-5**

This course is designed to reinforce and improve students' reading and comprehension skills that are taught in the classroom. The students will have the opportunity to work with a variety of reading material, which will help promote higher-level thinking skills. The more experiences a child has with reading and comprehending, the better reader and problem solver he or she will be. This course will highlight the fun students can have with reading, while practicing those strategies needed to be successful in fourth and fifth grade.

**Important Note:** If a student is participating in both Reading Strategies and Math! Math! Math! during the week of July 10-14, they may bring a packed lunch to eat between camps. Lunch will be supervised in the classroom.

"The more that you read, the more things you will know. The more that you learn the more places you'll go." - Dr. Seuss

**Dates:** July 10 - 14, 2017

**Time:** 9:00 a.m. - noon

**Fee:** \$190

**Location:** Sewickley Academy's campus

**Instructor:** Kalyn Currie, Sewickley Academy Grade 4 Teacher

**Min. enrollment** - 6

**Max. enrollment** - 12

# Leadership

## **Camp LEAD**

**Grades 5-7**

Camp LEAD provides an opportunity for your student to learn how to negotiate for success. Like the TV series Shark Tank, your student will be given different scenarios to manage every day. While they are having fun, they are learning the 21<sup>st</sup> century skills identified by educators as essential to producing a successful individual.

Camp LEAD FISH TANK utilizes games and outdoor team activities, healthy competition, and collaboration with focus on:

- Understanding leadership and leadership of self
- Developing and achieving personal goals (GO SMART acronym)
- Prioritizing time and time management skills
- Understanding how to negotiate success while working on a team
- Enhancing communication and presentation skills

Join us for a week of fun! With indoor and outdoor interactive challenge to stretch campers' personal limits, educate, empower, and equip them to take away the necessary tools to become our future leaders.

Brand new Camp LEAD curriculum every year means your camper can have four years of leadership development before they even hit high school. Give them the advantage this year! Make the upcoming school year count; give your fifth through seventh grader an advantage!

Sign up for Camp LEAD today!

**Dates:** June 19 - June 23, 2017

**Time:** 9:00 a.m. - 3:00 p.m.

**Fee:** \$330

**Location:** Sewickley Academy's campus

**Instructor:** The Effective Leadership Academy and Christy Knable, Sewickley Academy  
Middle School History Teacher

**Min. enrollment** - 10

**Max. enrollment** - 25



# Math

## **Geometry for Sewickley Academy Credit**

**Grades 9-12**

**Prerequisite:** Successful completion of Algebra I, including mastery of radical expressions. Students will explore both Euclidean and solid geometries, with emphasis on plane geometry. Topics will include: logic and proofs, polygons, perimeter and area, surface area and volume, and similar shapes (ratio and proportion). Lessons and homework assignments will challenge students to apply these concepts, developing both inductive and deductive logical reasoning skills. Students will earn one credit towards Senior School graduation through successful completion of this five-week course.

This course will be taught using the flipped classroom approach. Students will need a valid email account that they can access. Part of the student's homework will be to watch online lessons and take notes. Class time will be used for expanding upon the online lessons by participating in a variety of activities, which will include hands on activities and individual and group work.

The instructor will post videos for every lesson but not all lessons will be taught using the flipped method. Some of the videos are there simply as a resource and for students that miss class.

Visiting students are responsible for verifying that credit for the course will be accepted by their own schools.

**Vacations/Missed Class:** The instructor is making videos to go with every lesson. Students that miss should watch these videos to help them learn the material they missed. If a student needs to miss due to a vacation, they should inform the instructor before the class begins. Students that miss are still responsible for all tests and homework.

**Withdrawal/Refund Policy:** In order to cover an entire year of Geometry in five weeks (24 classes) the course moves at a fast pace. Teaching it using the flipped method will allow more time for student questions in the class. Students that struggle in math may find the pace of this course challenging. Students who formally withdraw by the third day of class, will receive a 67% refund. No refunds will be given after the third class.

**Textbook:** Glencoe McGraw-Hill Geometry by Boyd, Cummins, Malloy, Carter, and Flores; 2008. (The textbook can be borrowed at SA bookstore on the first day of class)

**Dates:** June 12 - July 14, 2017 **No class on July 4, 2017**

**Time:** 8:30 a.m. - 12:30 p.m.

**Fee:** \$1280

**Location:** Sewickley Academy's campus

**Instructor:** John Basinger, Sewickley Academy Senior School Mathematics Teacher

**Min. enrollment** - 6

**Max. enrollment** - 15

## **Math! Math! Math!**

**Grades 4-5**

Would you like to review and brush up on math skills from last year? How about a preview of next year's math concepts? Here is your chance to fortify previous material and start the year strong! We will play games, explore concepts with hands-on material, and develop strategies for math units such as multiplication, place value, and rounding numbers. Please bring a snack and a smile!

**Dates:** July 10 - 14, 2017

**Time:** 1:00 p.m. - 4:00 p.m.

**Fee:** \$190

**Location:** Sewickley Academy's campus

**Instructor:** Kalyn Currie, Sewickley Academy Grade 4 Teacher

**Min. enrollment** - 6

**Max. enrollment** - 12

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## **Math & Science Discovery Camp**

**Grades 1-5**

Join us for three days of Math in the mornings and Science in the afternoon. Students begin each morning with estimation and equation activities, which strengthen overall number sense. They will work with a partner to practice addition, subtraction, and multiplication activities in game format, which support math fact development. Children of similar ages are placed in small groups to explore new concepts, such as algebra, fractions, and calculator math. A snack and recess break is scheduled, so students should pack a healthy snack and water bottle. The morning concludes with place value explorations and popular math fact bingo games. Pack a lunch to enjoy at noon followed by an organized game of spud, kickball, or gazebo soccer!

Each afternoon will begin with a walk to the school's Secret Garden or Triangle Park, where an outdoor science activity awaits. Upon return to the classroom, students will use the scientific method to conduct an experiment and analyze results. Topics investigated will include changes of matter and the use of energy in science. Students will enjoy researching topics of interest, and conversing about current science related topics. Students will spend a portion of the afternoon designing a scientific treasure hunt to be enjoyed by all campers on the last day of camp. Dress for the outdoors and bring your sense of discovery.

**Dates:** July 5, 6, and 7, 2017

**Time:** 9:00 a.m. - 3:00 p.m.

**Fee:** \$285

**Location:** Sewickley Academy's campus

**Instructor:** Holly Hillberg, Sewickley Academy Science Teacher

**Min. enrollment** - 6

**Max. enrollment** - 14

## **iMath & iPhonics**

### **Grades 1-2**

This course prepares Kindergartners for Grade 1 and gives rising Grade 2 students extra practice with important skills. Do you want to be a math maniac? It is easy, since math is all around us. In addition to math, this course will introduce you to word families. Recognizing word families helps students build large reading vocabularies and become skilled readers. Every day we will play word family and sight word games, as well as engage in a variety of reading and spelling activities. For most activities we will use the SMARTBoard and iPads to accommodate different learning styles and academic needs. For example, visual learners respond well to projected images, while tactile learners benefit from writing and moving objects on the board and iPads. Learn more about math and phonics through play. Pack a snack and a smile.

**Dates:** June 19 - 23, 2017

**Time:** 9:00 a.m. - noon

**Fee:** \$185

**Location:** Sewickley Academy's campus

**Instructor:** Kelly Gary, Sewickley Academy Grade 1 Teacher and Keystone Technology Integrator  
Recipient

 Apple Teacher

**Min. enrollment** - 6

**Max. enrollment** - 8

# *Robotics and Legos*

## **Combat Robots**

**Ages 7-12**

Do you think you can build the strongest and most agile robot? Can your robot win a head-to-head competition mission? Come learn engineering strategies for building sturdy structures using LEGO™ bricks and then apply that knowledge to build a robot for a friendly competition. We will explore the scientific method and engineering design process while developing appropriate strategies for logical problem solving. You'll have a blast as you play robot football and complete the hoop challenge in this fun robotic program! Pack a drink and a snack.

**Dates:** June 26 - 30, 2017

**Time:** 9:00 a.m. - noon

**Fee:** \$155

**Location:** Sewickley Academy's campus

**Instructor:** Jen Bailey, Snapology Inc., Sewickley Academy Partner

**Min. enrollment** - 8

**Max. enrollment** - 15

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## **Minecraft™ Advanced**

**Ages 8-12**

Minecraft™ lovers unite! Snapology's Advanced Minecraft™ is a technical class involving advanced Minecraft™ building using LEGO bricks and game-play experience. Boys and girls will learn the art of crafting and stirring up their own potions of using LEGO™ bricks. We will solve riddles, challenges, and puzzles related to the Minecraft™ world while developing presentations and working as a team. No prior Minecraft™ experience? No problem! You came, you saw, you mined at Snapology's Advanced Minecraft™! Pack a drink and a snack.

**Dates:** June 19 - 23, 2017

**Time:** 9:00 a.m. - noon

**Fee:** \$155

**Instructor:** Jen Bailey, Snapology Inc., Sewickley Academy Partner

**Min. enrollment** - 8

**Max. enrollment** - 15

## Science

### **AP Biology Prep**

**Grades 11-12**

This course will serve as a review for AP Biology students and cover the basics of biochemistry and cell biology. This will serve as an excellent warm-up for students that have not had biology in several years and will cover what most teachers assign as "summer work". In addition the AP Biology test will be covered in detail. I will share valuable insights learned as an AP Biology Reader with a specific emphasis on how to succeed on the Free Response section of the test.

**Dates:** August 7-10, 2017 (Monday - Thursday ONLY)

**Time:** 9:00 a.m. - noon

**Fee:** \$205

**Location:** Sewickley Academy's campus

**Instructor:** Ron Kinser, Ph.D., Sewickley Academy Senior School Biology Teacher

**Min. enrollment** - 6

**Max. enrollment** - 20

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## **Math & Science Discovery Camp**

**Grades 1-5**

Join us for three days of Math in the mornings and Science in the afternoon. Students begin each morning with estimation and equation activities, which strengthen overall number sense. They will work with a partner to practice addition, subtraction, and multiplication activities in game format, which support math fact development. Children of similar ages are placed in small groups to explore new concepts, such as algebra, fractions, and calculator math. A snack and recess break is scheduled, so students should pack a healthy snack and water bottle. The morning concludes with place value explorations and popular math fact bingo games. Pack a lunch to enjoy at noon followed by an organized game of spud, kickball, or gazebo soccer!

Each afternoon will begin with a walk to the school's Secret Garden or Triangle Park, where an outdoor science activity awaits. Upon return to the classroom, students will use the scientific method to conduct an experiment and analyze results. Topics investigated will include changes of matter and the use of energy in science. Students will enjoy researching topics of interest, and conversing about current science related topics. Students will spend a portion of the afternoon designing a scientific treasure hunt to be enjoyed by all campers on the last day of camp. Dress for the outdoors and bring your sense of discovery.

**Dates:** July 5, 6, and 7, 2017

**Time:** 9:00 a.m. - 3:00 p.m.

**Fee:** \$285

**Location:** Sewickley Academy's campus

**Instructor:** Holly Hillberg, Sewickley Academy Science Teacher

**Min. enrollment** - 6

**Max. enrollment** - 14

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## **Summer Honors Chemistry Course**

### **Grades 10-12**

This course covers the first four months of Honors Chemistry, and is specifically designed to cover the portion of Honors Chemistry that students who participate in Swiss Semester in the fall will miss, but it also is suitable for student who wants to "get a jump" on Honors Chemistry. The course will cover the following topics:

1. Basic topics such as performing conversions, density, and observing chemical reactions, and drawing particle diagrams to explain them
2. Atomic structure, electronic structure, and valance electrons
3. Basic properties, formulas, and nomenclature for ionic compounds
4. Writing and balancing chemical equations, and recognizing the five basic types of reactions (including writing net ionic equations for single replacement and double displacement reactions).
5. Finding empirical formulas and molecular formulas for compounds
6. Calculations with moles, and using balanced equations to calculate amounts of reactants and products (stoichiometry)

This list gives a good estimate of the amount of topics to be covered. The course will include labs as well as interactive discussions, problem sessions, and conclude with students sitting for the first trimester exam.

The class will meet for 3.5 hours per day for 10 days over a two week period.

**Dates:** August 7 - 18, 2017

**Time:** 9:00 a.m. - 12:30 p.m.

**Fee:** \$710

**Location:** Sewickley Academy's campus

**Instructor:** Susan Zawacky, Ph.D., Sewickley Academy Senior School Chemistry Teacher

**Min. enrollment** - 5

**Max. enrollment** - 14

## *Study Skills*

### **Jumpstart Middle School**

**Grades 6-8**

This fun, activity-driven workshop will help incoming students prepare to be successful from day one. In this course, students will develop the tools needed in Middle School, including study skills, planning, and organization. Students will learn to identify their current learning habits and how to adjust them to meet the increased workload and responsibilities of middle school. This course is designed for incoming Middle School students as well as seventh and eighth graders who need extra support in these areas.

**Dates:** August 14 - 18, 2017

**Time:** 9:30 a.m. - noon

**Fee:** \$205

**Location:** Sewickley Academy's campus

**Instructor:** Anna Foust, Sewickley Academy Middle School English Teacher

**Min. enrollment** - 5

**Max. enrollment** - 18

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## *Test Prep*

### **SAT Subject Test Review Course: Biology**

**Grades 8-12**

This two week course is designed to prepare students for the SAT subject test in biology by familiarizing each student with the organization and content of the test. Most of the time will be spent reviewing key concepts in biology; however some time will be dedicated to developing test-taking strategies and practice testing.

**Dates:** July 31 - August 11, 2017

**Time:** 12:30 p.m. - 3:30 p.m.

**Fee:** \$410

**Location:** Sewickley Academy's campus

**Instructor:** Ron Kinser, Ph.D., Sewickley Academy Senior School Biology Teacher

**Min. enrollment** - 6

**Max. enrollment** - 20

## **SAT Ultimate Classroom**

**Grades 9-12**

The Princeton Review's SAT Ultimate Classroom is a comprehensive test prep that includes 25 hours of in-class instruction, four proctored practice exams with detailed score reports, and additional online lessons and practice questions. All materials are included with the course fee, including 15 additional SAT practice tests, two ACT practice tests, access to both our SAT and ACT self-paced courses and a 100 point improvement guarantee.

**Register at:** <https://www.princetonreview.com>

**When registering please use promo code sat100sa to receive a \$100 discount.**

**Dates:** July 10 - 27, 2017

**Time:** 9:00 a.m. - noon

**Location:** Sewickley Academy's campus

**Instructor:** Princeton Review Instructor

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## **Writing**

### **I Like Being an Author and Illustrator!**

**Grades 2-4**

This writing experience is for students entering Grades 2 through 4 who want to write impressive stories. We will choose a topic every day and go through the writing process stages: 1. pre-writing, 2. writing, 3. draft, 4. conferencing, 5. editing, and 6. final copy. Students will publish books using various Apple apps. Our young writers and illustrators will then have the opportunity to share their final projects with the class and family members on the last day of camp. Come and be creative writers with us! Please pack a snack and a smile.


**Dates:** June 26 - 30, 2017

**Time:** 9:00 a.m. - noon

**Fee:** \$185

**Location:** Sewickley Academy's campus

**Instructor:** Kelly Gary, Sewickley Academy Grade 1 Teacher and Keystone Technology Integrator  
Recipient

 Apple Teacher

**Min. enrollment** - 6

**Max. enrollment** - 8



## **Jumpstart Middle School English**

**Grades 6-8**

Prepare for next year by reviewing key concepts for Middle School English and language arts. Areas of focus include: active reading and comprehension techniques; the writing process; grammar; and vocabulary development. Using a variety of activities appropriate for all learning styles, students will improve their fundamental skills and be better prepared for success in English. This course is designed for incoming Middle School students as well as seventh and eighth graders who need extra support in this area.

**Dates:** August 14 - 18, 2017

**Time:** 12:30 p.m. - 2:00 p.m.

**Fee:** \$205

**Location:** Sewickley Academy's campus

**Instructor:** Anna Foust, Sewickley Academy Middle School English Teacher

**Min. enrollment** - 5

**Max. enrollment** - 18