Summer Learning Academy

Course Catalog - Summer 2021

Complete registration online by accessing the link on the school webpage or complete the included registration form and drop off/mail to Attn: Ms. Montgomery, Summer Learning Academy, 1025 East Main Street, Berlin, PA, 15530

PICK UP & DROP OFF WILL BE AT THE MIDDLE SCHOOL ENTRANCE

Berlin Brothersvalley School District

BBES Summer Library Program
9:00 - 11:00 Tuesdays & Thursdays, June and July (except July 27 & 29)

Begin in the elementary library with a read aloud and book exchange. Engage in a STEM activity in the elementary makerspace. *Students do not need to register for this program. Students must be accompanied by an adult.

Grades 1 & 2 Summer Learning Mini Camps
9:00 - 12:00 July 6-9, 12-15, 19-22
*Students entering grades 2-3, fall 2021

Students will hone their reading, writing, math, and science skills with new topics daily without even knowing it! Each day will offer a wide range of fun learning activities to develop knowledge and understanding.

Math in Sports
9:00 - 12:00 July 6-9
Grades 5-8

This course will use sports to explain math concepts. Students will have an opportunity to participate in different sports and activities and learn how math is used to set the games up, score them, and use statistics to track progress of athletes. Math concepts such as line graphs, fractions, percentages and rations, mean, median, and mode and more will be used.

Kindergarten Summer Learning Mini Camps
9:00 - 12:00 July 6-9, 12-15, 19-22
*Students entering 1st grade, fall 2021

Students will be engaged in fun early-literacy, basic math, and science activities correlating with a read aloud selection. Fun with books is what this camp is all about!

Grades 3 & 4 Summer Learning Mini Camps
9:00 - 12:00 July 6-9, 12-15, 19-22
*Students entering grades 4-5, fall 2021

Students will engage in learning activities correlating to high interest and relevant book selections! They can expect to work on fluency, accuracy, and comprehension skills in addition to math, problem solving, and make some cool art too in a historical four-day camp on the Revolutionary War (July 6-9) and then amusement parks (July 12-15)!

Industry Tour
8:00 - 3:00 July 9
Grades 7-12

Attend a tour of Diamondback Truck Covers in Philipsburg, PA. The group will leave Berlin at 8 am, tour the plant, and stop for lunch. You can also grab a bagged lunch from the cafeteria beforehand. Students will be able to see the design and engineering phases as well as the manufacturing process for these covers. This group should return to Berlin at 3 pm. Permission Slip Required!

Elementary Spanish I
9:00 - 12:00 July 12-14
Grades 2-4

Learn basic Spanish like colors and numbers up to 20. Learn vocabulary to describe ourselves and things we like to do and talk about different foods and family.

Building Virtual Worlds
9:00 - 12:00 July 12-15
Grades 6-8

AAR, QR, and VR, what's the difference? In this course for middle school students, we will learn what each of these abbreviations means and how they work. We will explore Virtual Reality using the Oculus Quest and design our own virtual spaces using the CoSpaces.io application. Each student will get to program an interactive virtual space and experience the world of Augmented Reality using the Merge Cube. Grades: 6-8th

SAT Prep
9:00 - 12:00 July 19-22
Grades 9-12

Students will do SAT Prep work from reading passages to analyzing using multiple choice. Students will also look at essay type responses for the English portion. Math will be another focus within this area. Students will compete on the last day in an academic decathlon style program with such things as academic quiz, track race, etc.

Math 2.0
9:00 - 12:00 July 26-29
Grades 7-9

Exploring math in real-life is fun! Discussion, practice, and games will be used to simulate how math is used in everyday life. Topics covered include money, patterns, logic, and strategy.

Middle Level Spanish
9:00 - 12:00 July 19-21
Grades 5-9

Learn basic Spanish like colors and numbers up to 20. Learn vocabulary to describe ourselves and things we like to do and talk about different foods and family.

Computer Programming
9:00 - 12:00 July 19-22
Grades 9-12

Build your own video game. Have you played a video game and thought, "I have an idea for a game like this?" Now you can act on that idea! Using the online programming engine Construct 3, you can build a video game for mobile, PC, and even for consoles. With little to no prior knowledge or programming, you can succeed in this course. We will design and build two different games in the course and students will be able to leave with a working game of their own creation.

Elementary Spanish II
9:00 - 12:00 July 26-28
Grades 2-4

Learn basic Spanish like colors and numbers up to 20. Learn vocabulary to describe ourselves and things we like to do and talk about different foods and family. *This course offering does not require Spansih I to attend.

APUSH
9:00 - 12:00 July 26-29
Grades 10-12

This will provide preparation for the AP United States History course. Students will work together on the summer assignment as well as hone some basic collegiate level skills necessary for success both in this course and on the May APUSH Exam. Students will also have time to go over any questions, as well as receive help in any areas of need.