Summer 2019 – Middle School

<u>Course Descriptions</u>

Algebra Boost – Grades 7 – 10 (for students who have completed Algebra 1)
June 17 – June 21
June 24 – June 28
9 a.m. – 12 p.m.
$350 ($320 by April 30)
This is a one-week refresher course in Algebra designed to better prepare students for Algebra 2 and/or Geometry. Learning and understanding new math concepts depends crucially upon having a good facility with algebraic manipulation. The goals of this course are to build a foundation of algebraic proficiencies, improve computational abilities, develop problem-solving skills, and to help foster a positive attitude toward mathematics by building confidence. Topics include: Evaluating expressions, solving equations and inequalities, factoring, solving and graphing linear equations, solving quadratic equations.

The class is offered twice this summer, but is not intended to be taken more than one time.

Digital Dragon: App Design (with App Developer) – Grades 6 – 9
June 17 – June 21
9 a.m. – 3 p.m.
$495 ($465 by April 30)
Application development is a crucial skill that virtually all of today and tomorrow's industries rely on. By creating applications for mobile and desktop devices, students will learn how to use programming fundamentals to create tools for other users. Kids will design, prototype, and test their very own Android apps ranging from games to daily life organization and creative painting tools, all while learning basic principles of programming. We'll use MIT's App Inventor 2, which allows young programmers to experience larger programming concepts through drag-and-drop block coding, increasing efficiency while diminishing bugs.

Digital Dragon: 3D Game Design (with Unity) – Grades 6 – 9
June 24 – June 28
9 a.m. – 3 p.m.
$495 ($465 before April 30)
This course is designed for avid gamers and aspiring technical artists who want to learn how their favorite games like Temple Run and Pokémon GO are made. The best way to do that? Create your own! During this course, students will be introduced to

the fundamentals of game design by creating a basic playable game. Our young designers will utilize the game engine's terrain editor to create environments and will be introduced to object-oriented programming with C# by creating interactive game objects.

Wildwood Summer Theater – Grades 6 – 9 (four-week program)

June 10 – July 6* (this is a four-week program; no class on July 4)
9 a.m. – 3 p.m.
$2,250 ($2,150 by April 30)
Wildwood's Middle School Summer Theater Program returns at the middle and upper campus for incoming 6th-9th graders! The program culminates with a fully staged and produced production of *High School Musical Jr*. When campers are not rehearsing the musical, they will be enjoying conservatory-style workshops, as well as working on the sets, props, and costumes for the production. Campers may also sign up for the Middle School Technical Theater program.

Important note: The program will culminate with performances during the last week of this four-week program, including evening performances.
*Note: July 6 is a Saturday. There will be at least one Saturday performance. Email Director of Summer Theater Programs Stephanie Fybel at sfybel@wildwood.org with any questions.