

# Summer Programs for Kids



Daniel Technology Center - July 11<sup>th</sup> to 15<sup>th</sup>

18121 Technology Drive, Culpeper, VA 22701

## Morning Sessions – 9:00AM to 12:00PM

All About Medical & Health Care      Rising 4<sup>th</sup> – 6<sup>th</sup> graders      Course# 6170003      \$139

Want to know what it's like to have a job helping people be healthy and saving lives? Topics include First Aid basics and CPR, helping a heart attack victim, the Heimlich maneuver, using a fire extinguisher, and more. Work with equipment including full size mannequins, skeletons, and more. Join this action-packed hands-on week of activities. Explore various exciting healthcare careers, and visit a local hospital or medical practice!


Minecraft Designers       Rising 3<sup>rd</sup> – 6<sup>th</sup> graders      Course# 6170032      \$169

If you love the game Minecraft, but always wanted to design your own characters and buildings for your games, this class is for you! Learn the basics of creating 3D models using a new software to design your very own objects, create skins for characters, and import them into your favorite Minecraft games. To access their project at home, students must own a PC/MAC version of Minecraft. Tablet, phone, and game console version of Minecraft are not compatible. Parent email address is required to use 3D modeling software. Students will work in pairs or teams for most of the program.

App Attack       Rising 6<sup>th</sup> – 9<sup>th</sup> graders      Course# 6170033      \$169

Take the first steps into the world of mobile app design and customize your own game app! Using a specialized app & game development tool, students will explore the world of web-based (HTML5) mobile apps. In addition to learning the basics of mobile app design and game development, you will also see firsthand how the world of App publishing functions. Student-created apps will be accessible on a private site and can be played on any mobile device or computer. Publishing to App Stores not included. No prior experience is necessary and students do not need to own a smartphone or tablet to take the class. Students will work in pairs or teams for most of the program.

## Afternoon Sessions – 1:00PM to 4:00PM

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# Summer Programs for Kids



Fredericksburg Area Campus - July 18<sup>th</sup> to 22<sup>nd</sup>

10000 Germanna Point Drive, Fredericksburg, VA 22408


## Morning Sessions – 9:00AM to 12:00PM

All About Medical & Health Care      Rising 4<sup>th</sup> – 6<sup>th</sup> graders      Course# 6170003      \$139

Want to know what it's like to have a job helping people be healthy and saving lives? Topics include First Aid basics and CPR, helping a heart attack victim, the Heimlich maneuver, using a fire extinguisher, and more. Work with equipment including full size mannequins, skeletons, and more. Join this action-packed hands-on week of activities. Explore various exciting healthcare careers, and visit a local hospital or medical practice!

Minecraft Modders  Rising 3<sup>rd</sup> – 6<sup>th</sup> graders      Course#6170035      \$169

Use your favorite game to learn the basics of modding and foundation of programming. Learn scripting and logic statements as you create your first mod! Introductory coding will be taught through a simulated environment inspired by Minecraft. Student projects will be available on a Black Rocket website to share with friends and family. To access projects at home, students must own a PC/MAC version of Minecraft. Tablet, phone, and game console version of Minecraft are not compatible. Students will work in pairs or teams for most of the program.

Make Your First 3D Video Game  Rising 6<sup>th</sup> – 9<sup>th</sup> graders      Course# 6170034      \$169

This class allows you to develop a game concept that goes well beyond the limitations of the traditional 2D game design classes. Students will learn the physics behind 3D games, explore beginner event scripting, level design, controlling flow of gameplay, and storytelling. Student created games will be available on a password protected Black Rocket website to share with friends and family. Students will work in pairs or teams for most of the program.

## Afternoon Sessions – 1:00PM to 4:00PM

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