

### **Animation and video editing-**

In a world where videos are the primary way to share and deliver messages, whether you want to be a cinema producer or upload youtube videos, video editing is one of the most important skills! Campers will also take the first step into the world of animation with the amazing WickEditor online app. Make your characters move and learn how to create stunning animation using characters, backgrounds, sounds, and transitions.

- Ideal for students of all ages who are looking for an introduction into the Hollywood world of video production.
- Learn the basics of Video Editing with OpenShot open source software
  - Terms & Principles in video editing - Slideshow, Shot, Cut, Scene, jump cuts, Storytelling
- Learn the basics of Animation with WickEditor online app
  - Terms & Principles in Animation - frame by frame, FPS, storytelling, animating gravity, animating Walk

### **Gaming from Scratch and 3D Design-**

Learn how to program your own game from scratch! Use the Scratch app and learn how to design characters, add cool backgrounds and write stories for an awesome new game. Learn how to create 3D models using the Tinkercad app and make your dream character a reality.

- This workshop is a fantastic option for students who are interested in gaming and looking to learn how to design characters and create games that you can share with your friends.
- Learn the basics of Game programming with Scratch app
- Learn the basics of 3D Modeling with Tinkercad app

### **Javascript and App Coding-**

Do you use mobile apps? Of course! This is your chance to create one of your own! Learn how to code a basic app with Code.org. Learn the basics of object-oriented programming with Javascript. Use arrays, types and classes to develop even more complicated programs. After learning the new options and code, you can take your app to the next level!

- Ideal for older students who are looking to dive into the world of coding with Javascript
- Learn the basics of JavaScript and App Coding with Code.org

## **Web Design-**

Learn how to get yourself online! Develop your first website and add images, backgrounds, and links. Design the structure of the website with your favorite content. Make your website unique and publish it on the internet for everybody to surf!

- Ideal for students of all ages who are interested in learning how to build a custom website
- Learn the basics of Web Design with WIX online app

## **Minecraft Gaming Lab-**

Did you ever wonder if you can play Fortnite inside of Minecraft? Take your Minecraft skills to the next level by creating mini-games inside Minecraft while getting familiar with coding in the NEW Minecraft gaming lab! In the Minecraft Gaming lab you can create new adventures in a world designed by your imagination!

- Ideal for students of all ages who like Minecraft and are looking to further their skills through mini-game coding, designing resource packs, characters, and more!

## **Graphic Design-**

Want to become a graphic designer? This camp is for you! Use a professional image editing app to composite images and apply awesome effects. Create amazing images which you'll be able to print or send to friends & family!

- Ideal for students who are looking for an introduction to the world of graphic design
- Learn the basics of Graphic design with Photopea online app
  - Terms & Principles in Graphic Design - Pixels, resolution, Image formats, How graphic design can deliver a message

## **Architecture-**

In this camp, students can take their creativity and engineering abilities to the max! Learn to model your own dream house, whether it's a giant pool or an indoor bowling alley using the field's most popular software - Sketchup! If you can dream it you can make it!

- A great option for students who are interested in architecture and want to use their creativity to design their dream building.
- Learn the basics of architecture with Sketchup app