

What a fun year at Scratch Coding Club! Thanks to everyone for participating, learning, and making awesome projects.

We worked on: science, arts, games, and music projects using Scratch.

We talked about: computer science ideas! Loops, if/else statements, variables, and how to manage our projects!

We built: a full game together, called “**Adventure Cube**”, with the artwork of Big Blast campers!

Here’s all of the group projects: scratch.mit.edu/users/ross_tha_boss/projects/

Scratch Resources for Summer projects:

The Scratch platform has lots more to offer in regard to coding education! Continuing to build projects and follow tutorials in Scratch is a great idea for the summer and beyond.

For awesome intermediate/advanced coding projects and tutorials, have a look at GriffPatch on Scratch (scratch.mit.edu/users/griffpatch/). He makes many amazing projects, along with high-quality educational tutorial videos.

Keep exploring Scratch and following your creative ideas! Or, look at these other resources:

Free Learning Resources:

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| Code.org | - Courses for all ages (K-5, 6-8, HS) |
| CSunplugged.org | - Learn coding and computer science without a computer! |
| khanacademy.org/hourofcode | -Intermediate Coding Projects with JavaScript and more! |
| beinternetawesome.withgoogle.com/ | - Skills for being a good cyber citizen! |
| codecademy.com/ | - Coding tutorials with a good website-based code editor! |

How to Learn Text-Based Coding

Learning a text-based coding language like Python or JavaScript is an exciting and big goal to have. But keyboard skills are important for fun learning these. Being comfortable with typing without looking is important when learning a code language!

Some popular languages are **Python, JavaScript, or C#**. All code languages use the same computer science concepts, and are all great.

Python is the best language to start with, and you can make anything with it!

JavaScript is the language of websites, and is now used to make mobile apps and more!

C# is a great language to learn, and is used for making video games.

I recommend Python as the first coding language. It’s the most similar to normal writing and reading.

Thanks again for a great year! Have fun this summer and keep learning! - Ross Hoyt