

COMPUTER FOCUS – Gr. 8

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Express Course (2023-24) - Code.org September to June

Learn the basics of computer science and internet safety. At the end of the course, create your very own game or story you can share.

After Lessons Extras - Using **Google CS First** - Students who complete their daily lessons early, switch over to a project that they have been working on in CS First. This uses a variety of programs to code like scratch or code.org. These projects are bonus, are marked upon completion and are expected to be worked on after completion of their daily lessons.

For the super high achievers - add Code.org - **HTML & CSS** – webpage development

In Unit 1, you'll learn how to create and share the content on your own web pages. After deciding what content you want to share with the world, you'll learn how to structure and style your pages using HTML and CSS. You'll also practice valuable programming skills such as debugging, using resources, and teamwork.

Materials Needed:

1. WSD live account
2. Good attitude

Mantra for the Class - Your road to success is not easy. Every class you will experience something new. Be Persistent!
Make mistakes; just make sure you learn from them.

I think.

I question.

I design.

I create.

I struggle.

I collaborate.

I try.

I solve.

I invent.

I reflect.

I Learn.

I am looking forward to an amazing year with you! Be on time, be prepared, and be ready to learn!

In Coding, Students will be assessed in a variety of ways. The end product is important and will be graded on their knowledge, skills and strategies demonstrated, but they are also assessed on the journey to that final product. Students will be assessed on how they collaborate with partners; how they deal with struggles during project: a) attitude - always trying, questioning, and thinking and b) troubleshooting strategies used; how they design, create, evaluate, and redesign; and finally to reflect on what they have learned from the overall process. The end goal for every student in my Coding courses is to not only be excellent problem solvers, but lifelong learners.