Computer Programming Classes
@ Holy Trinity Catholic School
~ Invent. Create. Be inspired. ~

Coding with Kids

Most kids use technology, but only some understand it. Give your child an opportunity to learn how to create their own programs - animated stories, games, calculators, quizzes, and more! Coding with Kids classes allow students to climb the Coder's Ladder from very beginnings to high school AP courses. We teach kids real programming skills in a fun way. Below are classes conveniently available at your school.

GAME DEVELOPMENT LITTLE CODERS
Grades K-2
Tue, 3:10 PM-4:10 PM
Sep 13 - Nov 29

$239 / 12-week session

Jump start your child's STEAM education with Coding with Kids' Little Coders class! Students will develop their computational thinking skills and build their own creative programs. Our curriculum combines a blend of fun activities - both "on-screen" and "off-screen" - to keep students engaged and excited about coding. This class will give students a strong foundation on coding basics, such as loops and conditionals, that can be built upon in our other classes. Kids will be introduced to these programming fundamentals in a variety of ways appropriate for this age group, from coding puzzles and board games to hands-on programming using online drag-and-drop tools, such as Scratch (scratch.mit.edu).

REGISTRATIONS
www.codingwithkids.com/session/1631

GAME DEVELOPMENT BEGINNER-INTERMEDIATE
Grades 3-5
Tue, 3:10 PM-4:10 PM
Sep 13 - Nov 29

$239 / 12-week session

Do you play games and wonder how they are created? Would you like to build your own computer programs? Come learn how at the Coding with Kids Academy! In this fun after-school class, BEGINNERS will be introduced to the core concepts of computer programming, including loops, conditionals and variables. INTERMEDIATE students will move on to more advanced concepts, such as nested conditionals and functions with parameters. Using the Scratch development environment, you will learn how to create a variety of programs, from simple animations to multi-level games. With new projects each session, you will be able to express your creativity and advance as a coder!

REGISTRATIONS
www.codingwithkids.com/session/1632

PYTHON PROGRAMMING I
Grades 6-8
Tue, 3:10 PM-4:10 PM
Sep 13 - Nov 29

$239 / 12-week session

Would you like to build your own computer programs? Do you know coding basics and want to learn a new language? Take your programming to the next level with our Python class! Python is a very versatile programming language that is widely used in the professional world. Open to students of all levels, this class will teach you Python coding from the basic syntax to more complex concepts, such as object-oriented development. Throughout the class, you will build a variety of projects including text-based games, such as battleship or tic-tac-toe. (Those with no prior coding experience will start with a short introduction to coding concepts using Scratch.)

REGISTRATIONS
www.codingwithkids.com/session/1633

Coding with Kids
Computer Programming Academy for Ages 5-15
info-portland@codingwithkids.com