Game Programming with python™ & pygame

Grades 4 to 8

Learn more: https://cloudcage.com

Create your own game while learning actual Python, one of the most popular programming languages, vital to the area of Artificial Intelligence! In this class, children will dive into the basics of Python through fun, hands-on activities that culminate in a fully functioning game with their own sounds and graphics. They will learn to code using easy-to-understand instructions, and start seeing how easy Python can be to bring their ideas to life.

- What is better than playing games is making games! Learn how to create your own game using Python, one of the most popular coding languages.

- No experience needed! If you can play games, you can make them.

- Students will learn logic and code implementation in a real language: Python.

- Students will learn a little about game design and game balance. They will put what they learn into use directly in a game they help design.

- Students will make their games come to life with awesome graphics, animations, and sounds. They can make their own resources or get them from any free-use resource site.