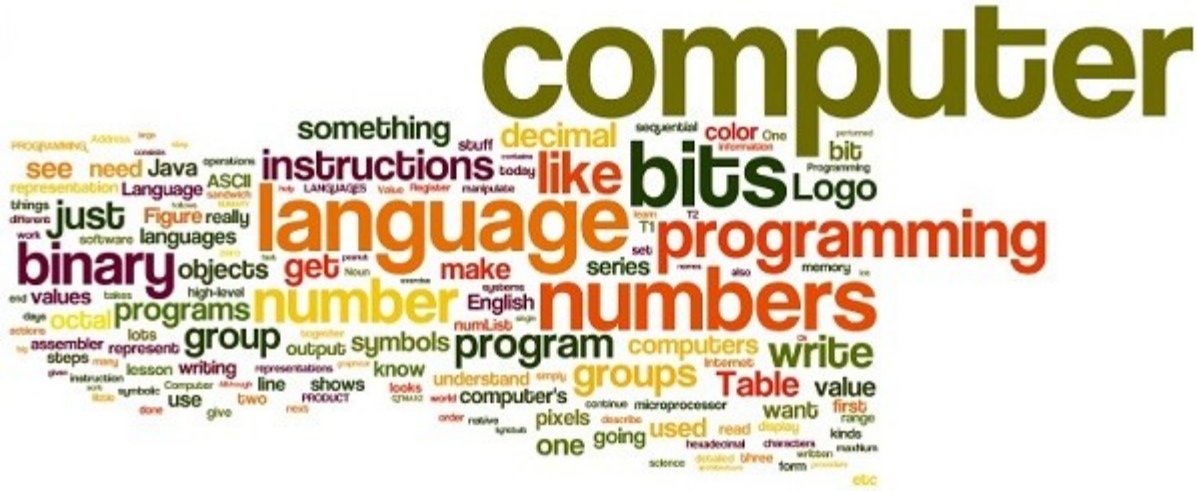
Introduction to computer programming

This summer Westwood Elementary presents and introductory course on computer programming designed for students entering 5th or 6th grade. The 5 day course will teach the fundamentals of modern software development by learning the python programming language.

If you want to transform your child from a consumer of technology to a producer, this is the summer opportunity you have been waiting for.



June 24th 9:00am—11:00am

Introductions / What is programming / Problem solving 101 / Hello World python exercise

June 25th 9:00am—11:00am

Getting started with idle (the editor) / data structures (string/integer/boolean/lists)

June 26th 9:00am—11:00am

Variables / If statements / loops

June 27th 9:00am—11:00am

Functions / objects / exceptions / basic error handling

June 28th 9:00am—11:00am

User input / Raspberry pi / brief introduction to other programming languages (web/mobile/etc)

Instructors: Spencer Herzberg and Toran Billups

Notice: Parents are encouraged to join us the first 15 minutes on June 24th to get familiar with the content we will be teaching. In addition, the last 20 minutes on June 28th each student will demonstrate something fun they learned that week. Also each student will receive a Raspberry pi computer to take home at the end of the week.