



Summer 2016 Program is Here !

Visit our website to see the new **Summer 2016 program**

New Summer 2016 Programs for Walnut Creek and San Ramon Locations!

- Computer Programming Classes - Scratch and Python
- Math Club
- Debate/Essay Club
- SAT/PSAT Bootcamp
- ACT Bootcamp
- SAT Jr. Class for JHU-CTY Talent Search/SET program
- ISEE/SSAT Test Prep
- Preview Classes
- And Much More - visit our website

[Visit our website](#) or call Julie Yi for details

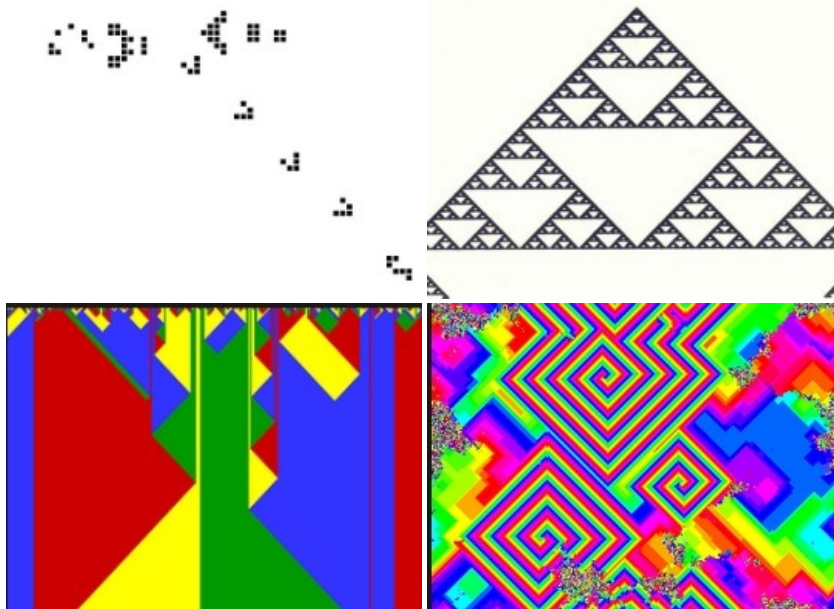
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Computer Programming - Cellular Automata



Apex Computer Club students are embarking on an exciting journey into Cellular Automata

A cellular automaton (CA) is a collection of cells arranged in a grid, such that each cell changes state as a function of time according to a defined set of rules that includes the states of neighboring cells.

Our students will be creating programs to simulate various CA models including the most famous Conway's Game of Life. Pictures above show examples of interesting CA

Sign Up Now for Noetic Learning Math Contest

- Who: 5th 6th, 7th, 8th grade students
- When: Tuesday, April 19 at 5pm
- Registration: \$20 per student

The competition encourages young students' interest in math, develops their problem-solving skills, and inspires them to excel. The students are given 45 minutes to solve 20 problems covering a broad range of mathematical topics. Many problems challenge students to think creatively and to apply problem solving skills.

most famous Conway's Game of Life. Pictures above show examples of interesting CA simulations:

Visit our game zone below to see various games Apex students have already created.



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Highlight - Debate & Essay Club

Debate and Essay Club offers parliamentary-style debate, the most popular and versatile debate format used by students today. Debating teaches students to investigate new ideas, to develop critical thinking and public speaking skills, and to open their minds to different viewpoints. Debate topics range from current events, such as the presidential election and climate change, to classic topics, such as gun control and the death penalty.

Students write persuasive essays on each debate topic, preparing them for the essay task on the SAT exam. Debaters have a true advantage because of their experience preparing for debates, where persuasion is the ultimate goal.

Classes are offered in both San Ramon and Walnut Creek locations. Here are some of the topics our students have debated on recently:

- Apple should help FBI hack terrorist's iPhone
- Increasing the minimum wage to \$15 an hour will do more harm than good
- Girls are smarter than boys
- Terminally ill patients should have the right to die
- Kids should be paid to do well in school
- Animal testing should be banned
- Gun ownership should be banned