CS counts for Science in HS in CA!

https://medium.com/@codeorg/university-of-california-finally-allows-computer-science-to-count-towards-admissions-science-84239793b3b4

Science Category (area D)
☑ **Computer Science!**
☑ **Biology**
☑ **Chemistry**
☑ **Physics**
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"The University of California has finally updated its admissions guidelines to allow high school computer science classes to count as a student's recommended third year of science (UC category D) for admission to the University. The change, which has been over 5 years in the making, will have a seismic impact on computer science in the State of California and beyond.

Previously, the UC considered most computer science courses as electives (UC category G), causing students and high schools to assign lower priority to computer science than to "core" academic categories. Ironically, computer science has counted towards UC core graduation requirements for 95% of Bachelor of Science degrees, but was not similarly recognized in university admissions.
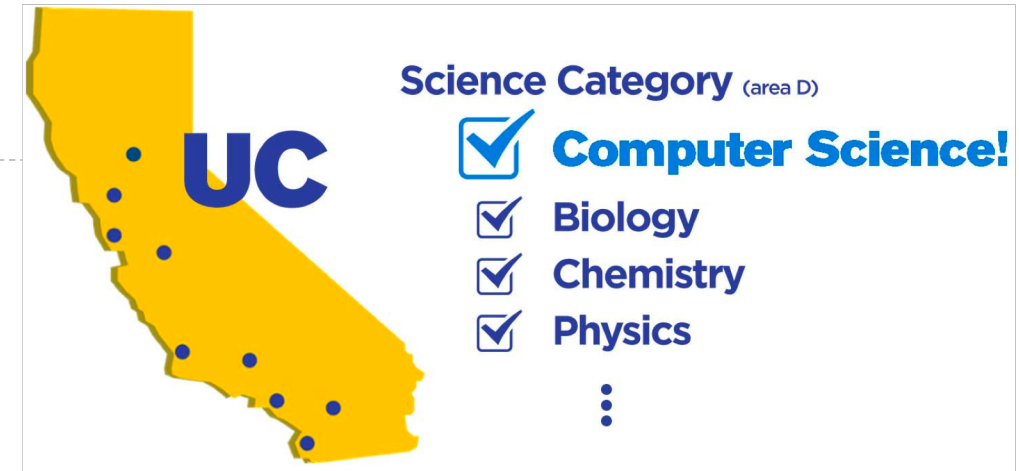
With this change, high school computer science can now be on a similar level as other core academic disciplines, giving California students a new incentive to enroll in computer science classes. This policy will also increase diversity in computer science, because history has shown that when computer science counts towards core academic requirements, young women and underrepresented minorities are more likely to study it.

The impact of this change will be felt beyond California. The UC is the largest public university system in the U.S. to adopt a policy which allows computer science to satisfy a core, non-elective academic requirement for admissions. Because of the size and influence of the UC, we expect other universities will follow suit.."
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Announcements

Homework 2 is released and is due Friday 2/8 @ 11:59pm.

Hog has been released! Entire project due Thursday 2/7

- You can work with a partner on Phases 2 & 3.
- Submit everything by Wednesday 2/6 for an early submission bonus point.

Midterm 1

- HKN Review Session Saturday 2/9 12-3 PM in HP Auditorium
- CSM Review Session Sunday 2/10 2-4 PM in GPB100
- Exam will take place Monday 2/11 7-8pm

Computer Science Mentors!

Join a Computer Science Mentors (CSM) small-group mentoring section: free tutoring offered to groups of 4-6 students enrolled in CS 61A.

For 1 hour each week, you'll meet with your mentor and 3-5 other students at a scheduled time to learn problem-solving strategies for CS 61A, ask questions about what it's like to continue on in CS, and generally receive advice.

When you sign-up for CSM this semester, you will have the option of participating in a research experiment to determine the best way to form groups of students.

Sign-up pinned on Piazza.

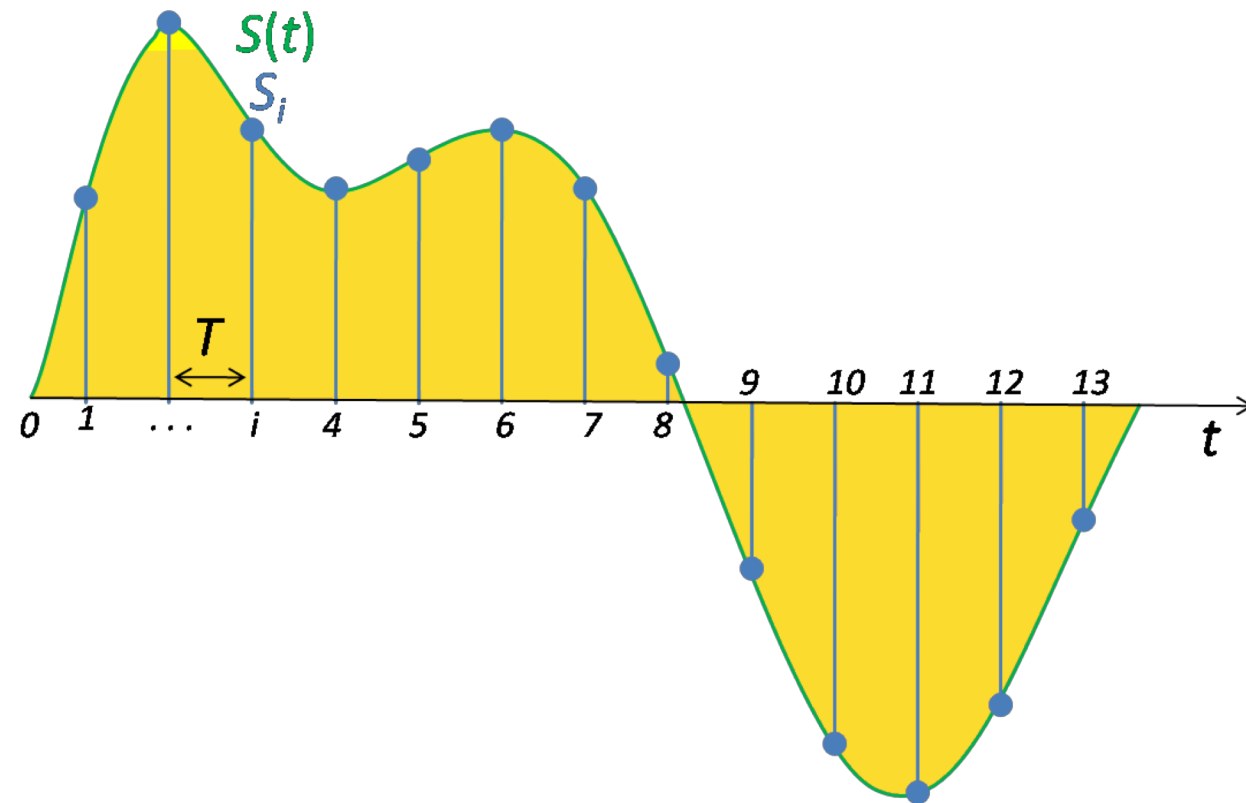# Function Example: Happy Numbers
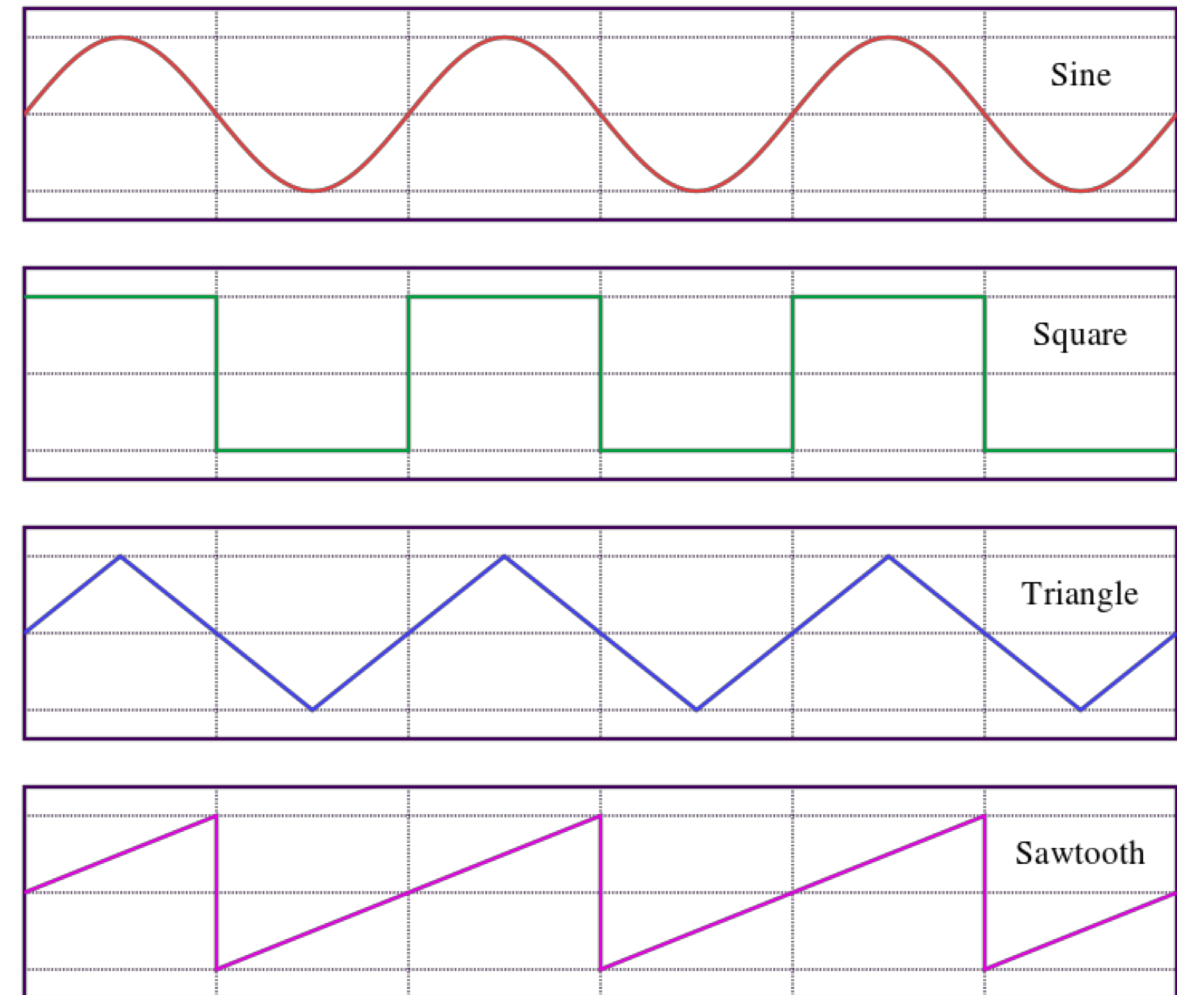
（Demo）

Function Example: Graphing

（Demo）

Function Example: Sounds

WAV Files

The Waveform Audio File Format encodes a sampled sound wave

A triangle wave is the simple wave form with the most pleasing sound

(Demo)

https://en.wikipedia.org/wiki/Triangle_wave
https://en.wikipedia.org/wiki/Sampling_(signal_processing)