QUANTIME

9+ CHOICE BOARD

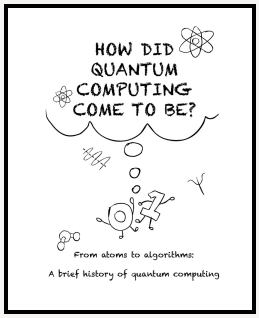
CS + QUANTUM COMPUTING

Quantum computers rely on several features of the quantum world to perform certain calculations faster than their conventional counterparts. The wavy nature of quantum systems plays an especially important role.

READ A QUANTUM ZINE

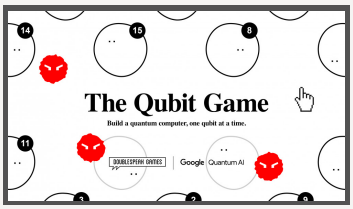
Read a zine about the History of Quantum Computing.

Link to zine



PLAY A GAME

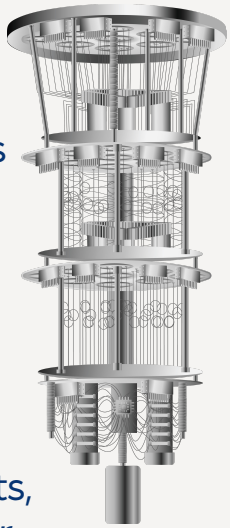
Build a quantum computer, one qubit at a time.



Link to game & teacher guide

TAKE A DEEPER DIVE

Intro to Quantum Computing & Qiskit is a 2-week module for high school CS students that introduces the basics of quantum computing.



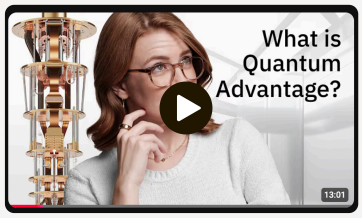
Students learn how to program in *Qiskit*, a popular language for building quantum circuits, via instructional *Jupyter* notebooks.

(Requires prior programming experience & access to the Google Colab platform)

Link to module

WATCH A VIDEO

Cut through all of the hype – learn what *quantum advantage* really means.



Link to video (on YouTube)

TEACHER CORNER

Visit the Quantum Atlas to learn about quantum computing.

Watch the Nova episode Decoding the Universe: Quantum

https://q12education.org/quantime/