QUANTIME

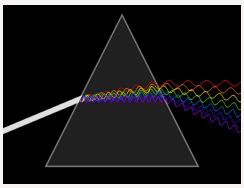
6+ CHOICE BOARD

QUBIT

The quantum version of a bit that has more values that 1 or 0. Qubits can be in any combination of 1 and 0 (a superposition). Qubits let us do some calculations faster a normal computer made from transistors.

EXPLORING SPECTRA

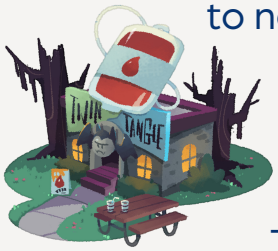
Explore the wave nature of light by observing the spectra of different light sources.



Link to teacher guide

PLAY A GAME

Help the Franken Twins to navigate mazes – while entangled!



Play the Quander game, TwinTanglement!

Link to game & teacher guide.

PLAY A GAME OF CHANCE

Get hands-on with probability!

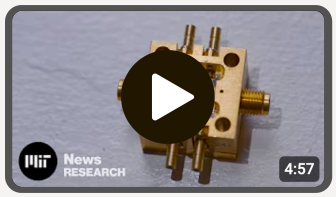
Build a low-tech device of chance that sorts beads into a bell curve.

Modify your board to create different probability curves.

Link to teacher guide.

WATCH A VIDEO

Learn about the origins of quantum mechanics and the state of quantum computing today.



Link to video (on YouTube)

TEACHER CORNER

Visit the Quantum Atlas to read about Quantum Entanglement.

Watch the Nova episode Einstein's Quantum Riddle