QUANTIME

7+ CHOICE BOARD

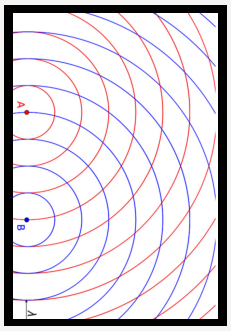
SUPERPOSITION

With quantum particles, some properties (like location) are unknown for sure until we measure them. Prior to that superposition describes the different possible outcomes of measuring that property.

WHAT IS DUALITY?

Light has properties of both particles and waves.

Read about the dual nature of light & its applications.



PLAY A GAME

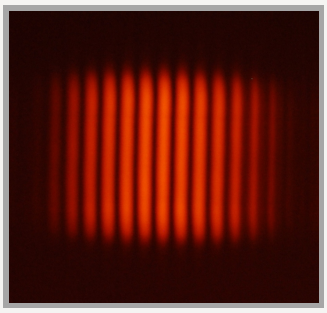
Dive into an adventure to the crazy quantum world!

Use puzzle skills & out-of-the-box thinking to help Kitty Q escape!

Link to game & teacher guide.

WAVE-PARTICLE DUALITY

Observe light properties that demonstrate light's dual nature.

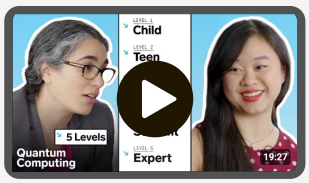


Use a laser and 3D printed materials to explore the properties of light and how it connects to quantum concepts

Link to teacher guide.

WATCH A VIDEO

Hear a researcher explain quantum computing at 5 levels of difficulty.



Link to video (on YouTube)

TEACHER CORNER

Visit the Quantum Atlas to read about superposition.