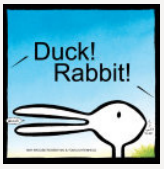
QUANTIME 3-5 CHOICE BOARD

SUPERPOSITION

When something is two things at once.

READ A BOOK

Think about what it means to be two things at once!



Read the book *Duck! Rabbit!* by Amy Krouse Rosenthal

PLAY A GAME

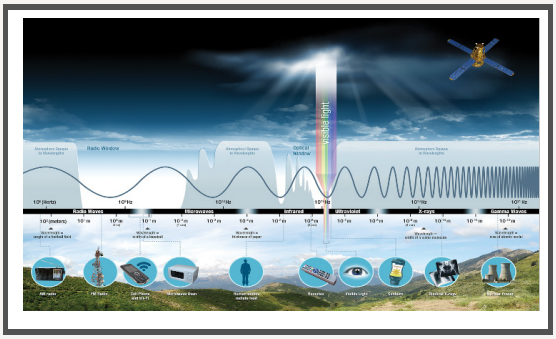
Visit the Quander Realm!

Play QueueBits a four-in-a-row game – with a quantum twist! !

Link to game & teacher guide.

DO A HANDS-ON ACTIVITY

See visible light components by exploring different sources of light

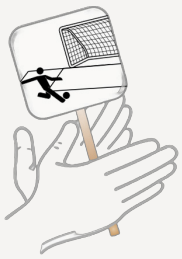


Learn how energy is connected to the quantum property of light.

Link to teacher guide.

MAKE A THAUMATROPE

Thaumatropes are optical toys that create the illusion of two images being combined into one.



Link to teacher guide and slides.

TEACHER CORNER

Visit the Quantum Atlas to read about superposition.

Watch this IBM Qiskit in the Classroom video about Superposition