QUANTIME

5+ CHOICE BOARD

QUANTUM ENCRYPTION

A new and super-secure way to protect messages using quantum physics. Instead of using large numbers encoded in classical bits, information is encoded and delivered using qubits.

WHAT IS ENCRYPTION?

How do computers store data?

What is encryption, and how does it keep information secure?

Link to Intro to Encryption

PLAY A GAME

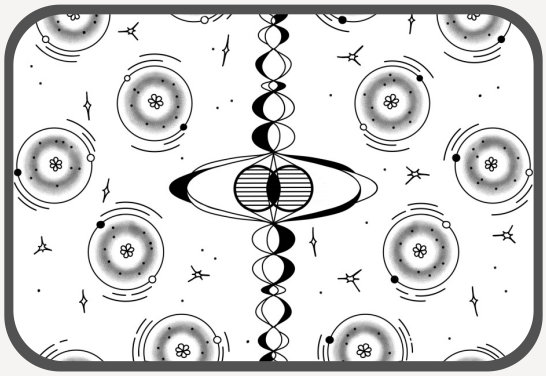
Visit the Quander Realm!

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

Link to game & teacher guide

QUANTUM SECRET SHARING

Explore the concept of quantum cryptography – work with a partner to complete a jigsaw puzzle.



Link to teacher & student guides

WATCH A VIDEO

Learn about quantum science and careers in the field!

Link to video (on YouTube)

TEACHER CORNER

Visit the Quantum Atlas to learn about quantum error correction.