QUANTIME

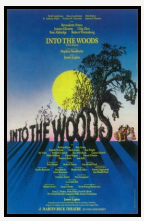
6-8 CHOICE BOARD

ENTANGLEMENT

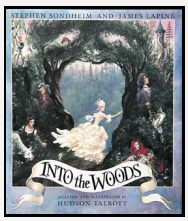
A connection between quantum objects that is useful for quantum technology. We can verify it exists by making measurements and looking for correlated behaviors between the objects.

ENTANGLED TALES

Watch or read an adaptation of the musical *Into the Woods*.



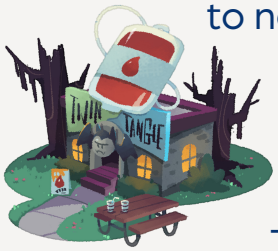
How are the characters lives enangled?



Link to plot summary (on YouTube).

PLAY A GAME

Help the Franken Twins to navigate mazes – while entangled!

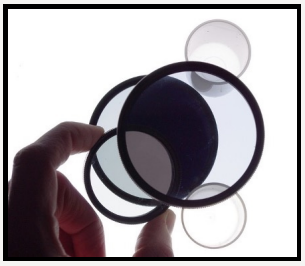


Play the Quander game, TwinTanglement!

Link to game & teacher guide.

DO A HANDS-ON ACTIVITY

Explore & model how light moves through a combination of polarizers.



Compare the effects of polarizers on light & model what causes those differences.

Link to teacher guide.

WATCH A VIDEO

What is Quantum Entanglement? How do we know what we know?

Link to video (on YouTube)

TEACHER CORNER

Visit the Quantum Atlas to read about Quantum Entanglement.

Watch the Nova episode Einstein's Quantum Riddle