

Ohio Science Standards

Black Holes: The Other Side of Infinity

Black Holes is a marvelous show narrated by Liam Neeson that travels to the forefront of what we know about black holes. Black Holes covers these Ohio Education Standards:

High School

Physical Science

- ✓ Study of matter
 - Reactions of matter
 - Nuclear reactions
- ✓ Energy and waves
 - Waves
 - Radiant energy and the electromagnetic spectrum
- ✓ Forces and Motion
 - Forces
 - Types of forces (gravity)
 - Field model for forces at a distance
- ✓ The Universe
 - History of the universe
 - Galaxy formation
 - Stars

Physics

- ✓ Forces, momentum and Motion
 - Gravitational force and fields
- ✓ Energy
 - Nuclear energy

Middle School

8th Grade

Physical Science

- ✓ Forces between objects act when the objects are in direct contact or when they are not touching.
 - Magnetic, electrical and gravitational forces can act at a distance.