

# Ohio Science Standards

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## Chasing the Ghost Particle

This production introduces students to the world beyond the proton, neutron and electron. It dives into the forces behind neutron stars, black holes and how we are detecting what we can't see.

This show touches on the following Ohio Education Standards:

## High School

### Physical Science

- ✓ Study of matter
  - Atoms
    - Models of atoms
  - Reactions of matter
    - Nuclear reactions
- ✓ Energy and waves
  - Waves
    - Radiant energy and the electromagnetic spectrum
- ✓ Forces and motion
  - Forces
    - Types of forces
- ✓ The Universe
  - Stars
    - Formation; Stages of evolution
    - Fusion in star