

High School Standards

The Sun: Our Living Star

The Sun has shone on our world for four and a half billion years. It is our nearest star and our planet's powerhouse, the source of the energy that drives our winds, our weather and all life. Discover the secrets of our star in this planetarium show and experience never-before-seen images of the Sun's violent surface in this visually striking planetarium show about the most important star in our lives.

Physical Science

STUDY OF MATTER

Atoms

Reactions of matter

- Nuclear reactions

THE UNIVERSE

Stars

- Formation; stages of evolution
- Fusion in star

Biology

EVOLUTION

Diversity of Life

Chemistry

STRUCTURE AND PROPERTIES OF MATTER

Periodic table

Quantifying matter

Phases of matter

INTERACTIONS OF MATTER

Nuclear Reactions

- Nuclear energy

Environmental Science

EARTH SYSTEMS: INTERCONNECTED SPHERES OF EARTH

Biosphere

- Evolution and adaptation

Atmosphere

- Atmospheric properties and currents

Hydrosphere

Movement of matter and energy through the hydrosphere, lithosphere, atmosphere and biosphere

- Climate and weather

Physics

FORCES, MOMENTUM AND MOTION

Newton's laws

Gravitational force

Centripetal forces and circular motion

ENERGY

Nuclear energy

WAVES

Light phenomena

- Visible spectrum and color