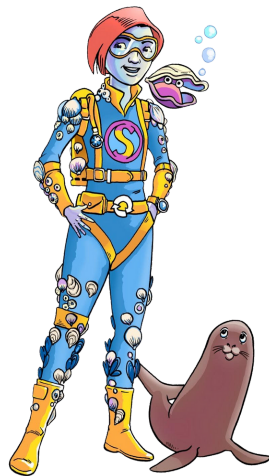




Upper Primary

PYP Big Themes: Water Conservation & Bodies of Water





Climate and Energy: Adapting for a Better World

Transdisciplinary Theme: Where We Are in Place and Time

Big Idea: Adapting to climate change includes changing how we use energy.

Key Concepts: Change, Causation, Responsibility

Lines of Inquiry:

Links between fossil fuels and climate change

Role of green energy in climate adaptation

Actions communities take to prepare for energy challenges

PSPE Integration:

Resilience: Exploring how people adapt to climate stress

Interactions: Supporting global partnerships for change

SDGs: 7, 13, 17





The Energy Trail: From Source to Socket

Transdisciplinary Theme: How We Organise Ourselves

Big Idea: Human-made systems deliver energy from nature to homes.

Key Concepts: Function, Form, Connection

Lines of Inquiry:

How different energy systems work (wind, solar, hydro)

Infrastructure for power generation and delivery

The role of innovation and design in energy systems

PSPE Integration:

Self-management: Planning energy audits or models

Collaboration: Building team-based energy solutions





Powering Our Future: Sustainable Energy Choices

Transdisciplinary Theme: Sharing the Planet

Big Idea: Our energy choices impact the planet
and future generations.

Key Concepts: Responsibility, Connection, Change

Lines of Inquiry:

Renewable vs. non-renewable energy

Global access and energy equity

Personal and collective energy-saving actions

PSPE Integration:

Identity: Considering personal values and habits

Interactions: Working collaboratively to make a
difference

SDGs: 7, 13





Watts in Water: Energy from Lakes, Rivers, and Oceans

Transdisciplinary Theme: How the World Works

Big Idea: Bodies of water can be powerful sources of renewable energy.

Key Concepts: Function, Causation, Perspective

Lines of Inquiry:

Hydropower, wave, and tidal energy

Environmental impact of water-based energy systems

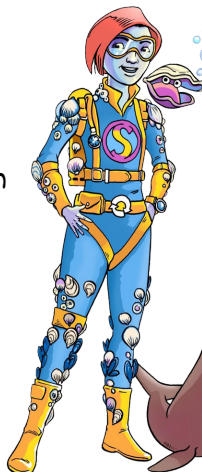
Local and global examples of water-energy innovation

PSPE Integration:

Active living: Investigating local water bodies safely

Interactions: Considering different perspectives in energy debates

SDGs: 6, 7, 13, 14





Energising the Arts: Using Creativity to Power Awareness

Transdisciplinary Theme: How We Express Ourselves

Big Idea: Creative expression can inspire action for
energy conservation.

Key Concepts: Perspective, Change, Responsibility

Lines of Inquiry:

Communicating energy issues through music, drama, or
visual art

Inspiring conservation through storytelling and
performance

Using the arts to raise awareness of sustainable
practices

PSPE Integration:

Identity: Expressing beliefs and values through the arts

Emotional literacy: Processing climate-related feelings

SDGs: 7, 12, 13





Living Lightly: Our Energy Footprint

Transdisciplinary Theme: Who We Are

Big Idea: Each person's lifestyle contributes to global energy use.

Key Concepts: Responsibility, Connection, Causation

Lines of Inquiry:

The impact of individual choices on energy consumption
sustainable habits at home, school, and in the
community

Evaluating our carbon and water footprints

PSPE Integration:

Self-awareness: Reflecting on personal energy habits

Decision-making: Planning actions for more sustainable
living

SDGs: 7, 12, 13

