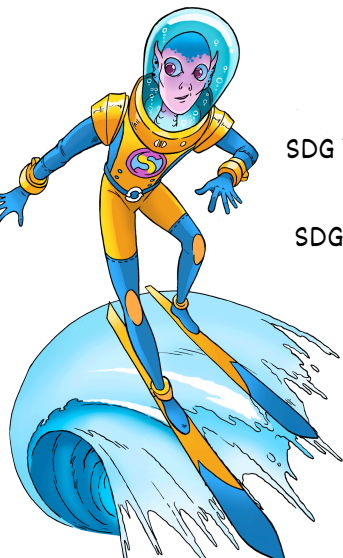




Mid Primary PYP Big Themes:
Energy Conservation & Green Energy
Linked Sustainable Development Goals (SDGs):



SDG 7: Affordable and Clean Energy
SDG 12: Responsible Consumption and Production
SDG 13: Climate Action
SDG 9: Industry, Innovation and Infrastructure





Energy All Around Us

Transdisciplinary Theme: How the World Works

Big Idea: Energy is everywhere and powers our lives in many forms.

Key Concepts: Form, Function

Lines of Inquiry:

Different forms of energy (e.g., light, heat, motion)

Renewable vs. non-renewable energy sources

How energy is transformed and transferred





. The Power of Nature: Green Solutions

Transdisciplinary Theme: Sharing the Planet

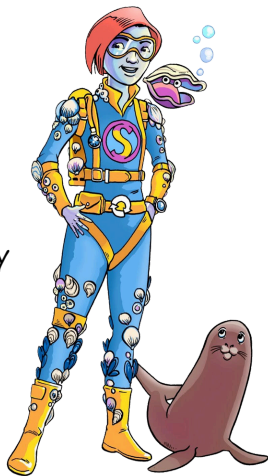
Big Idea: Natural energy sources can help us
reduce our impact on the planet.

Key Concepts: Function, Responsibility,
Connection

Lines of Inquiry:

How solar, wind, hydro, and geothermal
energy work

The benefits and challenges of green energy
Our role in supporting sustainable energy





Designing for a Greener Tomorrow

Transdisciplinary Theme: How We Organise Ourselves

Big Idea: Communities and systems can be built to support clean energy.

Key Concepts: Causation, Change, Connection

Lines of Inquiry:

Urban planning and green building design

Innovations in clean energy technology

Roles of governments, businesses, and individuals in energy choices





Power Down to Power Up the Planet

Transdisciplinary Theme: Who We Are

Big Idea: Making mindful energy choices supports
personal and global well-being.

Key Concepts: Responsibility, Reflection

Lines of Inquiry:

Energy use at home and school

Habits that support conservation (e.g., switching
off, walking, reducing use)

How choices reflect values and identity





From Fire to Solar: Energy Through Time

Transdisciplinary Theme: Where We Are in Place and Time

Big Idea: The way humans use energy has
changed throughout history.

Key Concepts: Change, Perspective

Lines of Inquiry:

Historical uses of energy (wood, coal, oil,
electricity)

Technological progress and its impact
Future possibilities and energy innovations





Creative Sparks for a Brighter Future
Transdisciplinary Theme: How We Express
Ourselves

Big Idea: Art, music, and performance can
spark awareness and inspire action on
energy.

Key Concepts: Perspective, Connection,
Responsibility

Lines of Inquiry:

Using the arts to communicate
sustainability messages

Artistic responses to climate and energy
issues

Inspiring change through creative
expression

