



Unit Premiere In Our Backyard



In this unit, your child will explore the rights and responsibilities in the struggle to share finite resources with other people and other living things. As students explore water scarcity, they will learn about the effect of the lack of clean water on people around the world. Students will understand how a responsible citizen reacts to clean water scarcity.



IB Instructional Elements

Theme-

Our IB curriculum is comprised of six transdisciplinary units that have global significance and offers students the opportunity to explore human experiences.

- **Sharing the Planet-** an inquiry into rights and responsibilities in the struggle to share finite resources with other people and other living things; communities and the relationship within and between them; access to equal opportunities; peace and conflict resolution.
- **Lincoln Curriculum Connection-** Students will explore water scarcity and how it impacts civilizations around the world. As students grow their understanding they will discover ways to take action and create devices to help conserve water in areas effected by water scarcity.

Learner Profile

The Learner Profile is a set of attributes that, taken as a whole, lay the foundation upon which international-mindedness will develop and flourish

- **Communicators-** They will explain findings to others to solve global water scarcity issues.
- **Lincoln Curriculum Connection-** Students will research global water scarcity issues and use their knowledge to help conserve water.
- **Inquirer-** They will ask questions about water resources and conservation.
- **Lincoln Curriculum Connection-** Students will ask questions and discover ways to conserve water at home and school .

Attitudes

Attitudes are expressions of fundamental values, beliefs and feelings about learning, the environment and people.

- **Appreciation-** is appreciating the wonder and the beauty of the world and its people.
- **Lincoln Curriculum Connection-** Students will grow in their appreciation of availability of natural resources.
- **Curiosity-** is wanting to do and learn more.
- **Lincoln Curriculum Connection-** Students will make comparisons to other countries.
- **Empathy-** is putting yourself in someone else’s shoes.
- **Lincoln Curriculum Connection-** Students will realize how fortunate they are to reside in a country with available clean water.
- **Respect-** being polite and kind to yourself and others.
- **Lincoln Curriculum Connection-** Students will learn not to be wasteful of resources as citizens.

Key Concepts

Key Concepts are powerful ideas that have relevance within the subject areas but also transcend them and that students must explore and re-explore in order to develop a coherent, in-depth understanding.

- **Connection-** The understanding that we live in a world of interacting systems in which the actions of individual elements affect others.
- **Lincoln Curriculum Connection-** .Students will connect their new knowledge of science concepts to the world-wide water conservation and water consumption challenge.
- **Responsibility-** The understanding that people make choices based on their understandings and the actions they take as a result do make a difference.
- **Lincoln Curriculum Connection-** Students, in their newly assumed roles as “citizens”, identify the need to act responsibly to better protect the natural resources available to our planet.
- **Function-** Everything has a purpose, a role or a way of behaving that can be investigated.
- **Lincoln Curriculum Connection-** Students understand how the water cycle and soil properties effect daily living world-wide.

Transdisciplinary Skills

These skills are capabilities that students need to demonstrate to succeed in a changing, challenging world, which may be disciplinary or transdisciplinary in nature.

- **Communication-** Listening to directions, others, and information through speaking, reading, writing, viewing, presenting, and other non-verbal forms.
- **Lincoln Curriculum Connection-** Students will present the irrigation system and the PSA through their choice of presentation.
- **Research skills-** Formulating questions, observing, planning, collecting data, recording data, organizing data, interpreting data, and presenting research findings
- **Lincoln Curriculum Connection-** The students will research types of soil– collecting and recording data.