



Unit Premier: Sharing the Planet

In this unit, your child will be challenged to explore natural habitats and resources. As we explore, your child will gain further knowledge of how to take responsibility for sharing and protecting our environment. Going into this exploration, the students will inquire through a plethora of hands on science labs and research opportunities.



IB Instructional Elements

Theme-

Six transdisciplinary units that: have global significance and offer students the opportunity to explore the communities of human experience.

- **Sharing the Planet-** an inquiry into rights and responsibilities in the struggle to share finite resources with other people and with other living things; communities and the relationships within and between them; access to equal opportunities; peace and conflict resolution.
- **Lincoln Curriculum Connection-** Developing thinking and research skills in non-fiction text, conducting Science investigations and understanding scientific knowledge, and for sharing and protecting our environment.

Learner Profile

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

- **Principled-** They act with integrity and honesty, with a strong sense of fairness, justice, and respect for the dignity of the individual, groups and communities. They take responsibility for their own actions and the consequences that accompany them.
LCC- The students will take responsibility for protecting the planet.
- **Caring-** They show empathy, compassion and respect towards the needs and feelings of others. They have a personal commitment to service, and act to make a positive difference to the lives of others and to the environment.
LCC- Students will act to make a positive difference to the environment.
- **Knowledgeable -** They explore concepts, ideas and issues that have local and global significance. In so doing, they acquire in-depth knowledge and develop understanding across a broad and balanced range of disciplines.
LCC- Students will acquire knowledge about the significance of habitat laws and how to protect the habitat.

Attitudes

Expressions of fundamental values, beliefs and feelings about learning, the environment and people.

- **Respect-** Resecting themselves, others and the world around them.
LLC- Students will learn about the environment and its needs to be a thriving environment.
- **Integrity-** Being honest and demonstrating a considered sense of fairness
LCC- Students will learn about being fair to the environment; working to provide equal access to opportunities.

Key Concepts

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.

- **Responsibility-** The understanding that people make choices based on their understanding, and the actions they take as a results do make a differences.
LLC- Students will learn how citizens take responsibility for protecting the habitats.
- **Causation-** The understanding that things do not just happen, that there are causal relationships at work, and that actions have consequences.
LCC- Students will learn about consequences from humans on habitats.
- **Change-** The understanding that change is the process of movement from one state to another. It is universal and inevitable.
LCC- Students will learn about plants and animals adapting to change.

Transdisciplinary Skills

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

- **Thinking-** Gaining specific facts, ideas, vocabulary, remembering in a similar form.
LCC- organizing & interpreting information to help global habitats
- **Research skills -** Formulating questions, observing, planning, collecting data, recording data, organizing data, interpreting data, presenting research findings
LCC- Student will apply their knowledge into a creative design and solution.

