



Unit Premier: Soaring into the Unknown

In this unit, your child will learn how new ideas effect our society and how the needs and wants of consumers influence goods and services produced in an economy. By the end of the unit, the students will work in teams as inventors, creating a new product based on the needs and wants of their classmates. Students will be creating a budget for their invention and participating in an auction. As a result of supply and demand, students will experience how economic activities impact humankind and decision making. Students will then design an advertisement sharing their innovation, and will present their invention during a “Shark Tank” simulation with local business members from our community.

IB Instructional Elements

Theme:

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

- **How we organize ourselves**—An inquiry into the interconnectedness of human-made systems and communities; the structure and function of organizations; societal decision-making; economic activities and their impact on humankind and the environment.
 - ⇒ **Lincoln Curriculum Connection**—Based on the needs and wants of the classroom community, students will determine a useful invention to drive commerce in our classroom and positively impact our economy.

Learner Profile:

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

- **Inquirer**—Students develop their natural curiosity. They acquire the skills necessary to conduct inquiry and research and show independence in learning. They actively enjoy learning and this love of learning will be sustained throughout their lives.
 - ⇒ **Lincoln Curriculum Connection**—Students will conduct independent research by surveying classmates to determine needs not being met with current goods available in our economy.
- **Open-Minded**—Students understand and appreciate their own cultures and personal histories, and are open to the perspectives, values and traditions of other individuals and communities. Students are accustomed to seeking and evaluating a range of points of view, and are willing to grow from the experience.
 - ⇒ **Lincoln Curriculum Connection**—Students will each share their new invention ideas with teammates and collaboratively decide on one of the ideas they believe will best meet the needs of our classroom economy.
- **Courageous**—Students approach unfamiliar situations and uncertainty with courage and forethought.
 - ⇒ **Lincoln Curriculum Connection**—Students will pitch their inventions to the local community business members during a “Shark Tank” simulation.

Attitudes:

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

- **Confidence**—Feeling confident in their ability as learners, having the courage to take risks, applying what they have learned and making appropriate decisions and choices.
 - ⇒ **Lincoln Curriculum Connection**—Students will present ideas to teammates and community members developing their speaking and listening skills.
- **Creativity**—Being creative and imaginative in their thinking and in their approach to problem and dilemmas.
 - ⇒ **Lincoln Curriculum Connection**—Using various digital and non-digital media, students will design and create an advertisement for their innovative idea.

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.

- **Connection**—The understanding that we live in a world of interacting systems in which the actions of any individual element affect others.
 - ⇒ **Lincoln Curriculum Connection**—Students will reflect on how supply and demand drives the creation of goods and services within an economy.
- **Function**—The understanding that everything has a purpose, a role or a way of behaving that can be investigated.
 - ⇒ **Lincoln Curriculum Connection**—Students will experience the role of producers and consumers in an economy in our classroom market.
- **Change**—The understanding that change is the process of movement from one state to another. It is universal and inevitable.
 - ⇒ **Lincoln Curriculum Connection**—Students will modify their invention or advertisement based on the needs and wants of their classmates after pre-orders for their goods are made.

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.

- **Communication**—Listening, speaking, reading, writing, viewing, presenting, non-verbal communication
 - ⇒ **Lincoln Curriculum Connection**—Students will use their choice of technology including Educreation, I-Movie, and various I-pad apps to present their advertisements.
- **Social skills**—Accepting responsibility, respecting others, cooperating, group decision-making resolving conflict, a variety of group roles.
 - ⇒ **Lincoln Curriculum Connection**—Students will debate their point of view on which invention will generate the highest demand.
- **Thinking**—Acquisition of knowledge, comprehension, application, analysis, synthesis, evaluation, dialectical thought, metacognition
 - ⇒ **Lincoln Curriculum Connection**—Students will analyze information from primary and secondary sources to acquire knowledge of how innovations impact society.