

TRANSDISCIPLINARY THEMES AT ISI

Who We Are

An inquiry into the nature of the self; beliefs and values; personal, physical, mental, social and spiritual health; human relationships including families, friends, communities, and cultures; rights and responsibilities; what it means to be human.

3YOP **Growing Into Me**
We change and grow as we get older.

Pre-K **My Family**
My family is unique and special.

Kinder **Scientist in Me**
We learn about the world with science.

Grade 1 **Friendship**
Friendship creates a more peaceful world.

Grade 2 **Tune Up Your Body**
Our body parts work together and function best when they are healthy.

Grade 3 **Once Upon a Time**
As people evolved, their lifestyles changed too.

Grade 4 **Belief Systems**
People have different belief systems and traditions that influence their lives.

Grade 5 **Exhibition**
People worldwide face different challenges to their rights and opportunities.

How the World Works

An inquiry into the natural world and its laws; the interaction between the natural world (physical and biological) and human societies; how humans use their understanding of scientific principles; the impact of scientific and technological advances on society and on the environment.

Sensational!
We use our senses to explore and experience the world around us.

Exploring Light
We can explore light and color all around us.

Weather Watchers
Weather is made up of different things that can be observed and measured.

Transportation
Transportation brings us closer to people near and far away around the world.

Energetic Earth
The surface of the Earth is continuously changing.

Materials and Matter
Materials and objects can be observed and measured.

Out of This World
By exploring Earth and beyond, we gain a better understanding of the world and our place within the universe.

Chemistry in Cooking
Chemistry occurs in everyday life.

How We Express Ourselves

An inquiry into the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values; the ways in which we reflect on, extend and enjoy our creativity; our appreciation of the aesthetic.

Express Ourselves
Through the arts, people express themselves in many ways.

Emotion
We use our bodies to communicate ideas and feelings.

Feel the Music
People express emotions through music and movement.

Let's Create
People express their ideas and feelings through the visual arts.

Tales, Myths, and Legends
Through tales, myths and legends, people express beliefs and values in entertaining ways.

Express Yourself
The artistic expression of a community can be used to share ideas and feelings in powerful ways.

The Arts
People express their culture and beliefs through various forms of art.

Media Madness
People use media to influence behavior.

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.

Caring for Plants
Plants have specific needs in order to grow and stay healthy.

Living Things
Living things have unique characteristics and change throughout their lives.

Reduce, Reuse, Recycle
Our choices affect the environment around us.

Nature's Gifts
We use natural resources in many useful ways.

Animal Habitats
Caring for animals and protecting their habitats ensures the wellbeing of our ecosystems.

Water is Life
Water is a natural resource essential to life, so we must use it responsibly.

Sustainable Earth
Natural and human events cause changes on Earth.

Energy
Energy exists in different forms, and it is changed, stored and used in many ways.

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.

Begins in Pre-K

Community
There are people in our community who help us in different ways.

Our School
Everyone has a responsibility to make our school work.

Field to Table
Every person on Earth has the right to nutritious food.

Cities
People design cities to meet the needs and wants of the inhabitants.

Money, Money, Money
Responsible use of money may determine how people live.

Running a Business
Businesses arise and evolve to meet the needs of the community.

Government
Government systems are responsible for making decisions that impact its society.

Where We Are in Place and Time

An inquiry into orientation in place and time; personal histories; homes and journeys; the discoveries, explorations and migrations of humankind; the relationships between and the interconnectedness of individuals and civilizations, from local and global perspectives.

Begins in Kinder

Begins in Kinder

Animal Habitats
All animals live in homes, but their homes are different.

Maps
Maps help us understand our place in the world.

Ancient Civilizations
Things from the past tell us how people lived long ago.

Innovation
Understanding our connectedness motivates us to innovate thoughtfully and improve the quality of life for all.

Human Movement
Groups of people settling in new locations impact the existing population.

Chains to Freedom
People have been deprived of their freedom throughout history.