

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.

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.

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.

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.

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.

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.

Early Years
(Year A)

My Family

Families share traditions, values, and experiences that connect us.

Emotion

We use our bodies to communicate ideas and feelings.

Living Things

Living things grow, change, and need care.

Community

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

Begins in Kinder

Early Years
(Year B)

Growing Into Me

As we grow, we use our senses to understand the world and others.

Animals

Animals contribute to our lives in different ways.

Express Ourselves

We express who we are through our creative choices.

Caring for Plants

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

Begins in Kinder

Kinder

Our Bodies

Understanding our body parts helps us take care of ourselves and communicate with others.

Scientist in Me

We learn about the world with science.

Feel the Music

People express emotions through music and movement.

Reduce, Reuse, Recycle

Our choices affect the environment around us.

Our School

Everyone has a responsibility to make our school work.

Homes

Homes are built differently all over the world to fit what people need and like.

Grade 1

Friendship

Friendship creates a more peaceful world.

Machines

Simple machines play a role in our everyday life.

Let's Create

People express their ideas and feelings through the visual arts.

Nature's Gifts

We use natural resources in many useful ways.

Field to Table

Every person on Earth has the right to nutritious food.

Maps

Maps help us understand our place in the world.

Grade 2

Tune Up Your Body

Our body parts work together and function best when they are healthy.

Energetic Earth

The surface of the Earth is continuously changing.

Tales, Myths, and Legends

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

Animal Habitats

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

Cities

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

Ancient Civilizations

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

Grade 3

Balanced Choices

Making balanced choices about daily routines enables us to have a healthy lifestyle.

Materials and Matter

Materials and objects can be observed and measured.

Express Yourself

Words, sound, and movement help people share their ideas, and feelings and culture in creative ways.

Water is Life

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

Money, Money, Money

People's circumstances and decisions about money influence their lifestyles.

Innovation

Inventions have evolved over time to improve the quality of life for all living things.

Grade 4

Belief Systems

People have different belief systems and traditions that influence their lives.

Out of This World

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

The Arts

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

Sustainable Earth

Natural and human events cause changes on Earth.

Running a Business

Businesses arise and evolve to meet the needs of the community.

Human Movement

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

Grade 5

Exhibition

Student-led, 6-8 week long project.

Chemistry in Cooking

Chemistry occurs in everyday life.

Media Madness

People use media to influence behavior.

Energy

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

Government

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

History

Learning about history helps people understand the present world and gives opportunities to create a better future.