



Lipscomb Elementary Program of Inquiry



Theme	Who We Are	Where We Are in Place and Time	How We Express Ourselves	How We Organize Ourselves	How the World Works	Sharing the Planet
Pre-K	<p>Central Idea Our relationships with family and friends make us who we are.</p> <p>Key Concepts Connection Responsibility Function</p> <p>Lines of Inquiry -What are the family roles and responsibilities? -How relationships are interdependent? -How families are diverse?</p>	<p>* Pre-K and Kinder experience 4 Units of Inquiry throughout the school year!</p>	<p>Central Idea: People use stories and songs to express ideas.</p> <p>Key Concepts: Reflection, Perspective, Change</p> <p>Related Concepts: Rhythm and Rhyme, Interpretation, Creativity</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none">• An inquiry into fairy tales and fables• An inquiry into songs and rhymes• An inquiry into story elements• An inquiry into cultural differences <p>of the same story</p>	<p>Central Idea: People build things to meet a need.</p> <p>Key Concepts: Form and Function</p> <p>Related Concepts: Structure and Impact</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none">• An inquiry into geometry and measurement when building or creating• An inquiry into connection of buildings as giants• An inquiry into modes of transportation• An inquiry using resources to build	<p>* Pre-K and Kinder experience 4 Units of Inquiry throughout the school year!</p>	<p>Central Idea: The world is full of living things that help us.</p> <p>Key Concepts: Change and Causation</p> <p>Related Concepts: Classification, Habitat, and Interaction</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none">• An inquiry into living versus nonliving things• An inquiry into what living things need to survive• How living things change• An inquiry into how people interact with other living things
Kinder	<p>Central Idea: My choices have consequences.</p> <p>Key Concepts: Causation, Perspective, Responsibility Related Concepts: Values, Consequences, Beliefs</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none">• An inquiry into rules• An inquiry into making	<p>* Pre-K and Kinder experience 4 Units of Inquiry throughout the school year!</p>	<p>Central Idea Family traditions are a way people express the influence of their culture and beliefs.</p> <p>Key Concepts Form Perspective Connection</p> <p>Related Concepts: information, purpose,</p>	<p>Central Idea: Jobs arise from the wants and needs of the community.</p> <p>Key Concepts: Responsibility and Causation</p> <p>Related Concepts: Purpose, Innovation, Organization</p>	<p>* Pre-K and Kinder experience 4 Units of Inquiry throughout the school year!</p>	<p>Central Idea: We have a responsibility to protect the planet.</p> <p>Key Concepts: Change, Responsibility, and Connection</p> <p>Related Concepts: Relationships, Resources, growth, cycles</p> <p>Lines of Inquiry:</p>

	<p>and supporting good choices</p> <ul style="list-style-type: none">• An inquiry into consequences		<p>culture, tradition, family organization, data, representation, energy, movement, classification</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none">• An inquiry into culture and traditions.• An inquiry data collection• An inquiry into senses and personal experiences	<p>Lines of Inquiry:</p> <ul style="list-style-type: none">• An inquiry into identifying coins and knowing their values• An inquiry into jobs needed in certain communities• An inquiry into the difference between wants and needs• An inquiry into research for different forms of jobs		<ul style="list-style-type: none">• An inquiry into living things and their survival needs• An inquiry into how all living things are connected• Inquiry into making choices for self and other living things
1st Grade	<p>Central Idea: My choices influence the relationships with myself and my community.</p> <p>Key Concepts: Form, Change, Connection, Responsibility,</p> <p>Related Concepts: properties Transformation, values, influence, senses</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none">• An inquiry into fables and stories.• An inquiry into the human body.• An inquiry into rules in our communities.• An inquiry into physical properties.	<p>Central Idea: Human history causes cultures to have different perspectives.</p> <p>Key Concepts: Change, Connection, Responsibility</p> <p>Related Concepts: history, culture citizenship, location</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none">• An inquiry into cycles and time• An inquiry ancient civilizations• An inquiry into energy sources• An inquiry into American culture.	<p>Central Idea Culture, traditions, beliefs, and values contribute to the diversity of the world.</p> <p>Key Concepts Perspective Function Connection</p> <p>Related Concepts: Patterns, Culture, Communication</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none">• An inquiry into communication through storytelling.• An inquiry into graphs, numbers, and relationships• And inquiry into communication customs and traditions• An inquiry into different forms of energy.	<p>Central Idea: Producers and consumers work in a system to meet basic human needs.</p> <p>Key Concepts: Form, Causation, Connection</p> <p>Related Concepts: Survival and Roles</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none">• An inquiry into basic human needs and wants• An inquiry into goods and services• Investigating the function of producers and consumers• An inquiry into personal financial literacy, salary, and budgeting (income, expenses, and charity)	<p>Central Idea Living things adapt to survive on Earth</p> <p>Key Concepts Form, Function, Change</p> <p>Related Concepts: Function, Change, Connection, Perspective</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none">• An inquiry into human created technology to solve problems• An inquiry into how Earth is constantly changing• An inquiry into how shapes are used to create inventions• An inquiry into history and biographies	<p>Central Idea: Plants and animals play a role in the survival of humans.</p> <p>Key Concepts: Connection and Responsibility</p> <p>Related Concepts: Interdependence and Balance</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none">• The role of animals and plants in an ecosystem• Interdependence and balance among living organisms in an ecosystem• Cause and effect of human influence on plants and animals

2nd Grade

Central Idea: People have an impact on the beliefs and values in our lives and the world around us.
Key Concepts: perspective, causation, connection
Related Concepts: opinion, consequences, relationships

Lines of Inquiry

- An inquiry into good role models..
- An inquiry into your values and your relationships.
- An inquiry into functions and roles of a community.
- An inquiry into human adaptation

Central Idea
Learning about changes from the past can help us make connections to the present.

Key Concepts perspective, change, connection

Related Concepts Conflict, Change, Relationships, History

Lines of Inquiry

- An inquiry into Greek mythology
- An inquiry into democracy
- An inquiry into currency and resources
- An inquiry into different types of energy

Central Idea
Culture and beliefs are represented by symbols and celebrations that express diversity within our global community.

Key Concepts
Reflection
Connection
Change

Lines of Inquiry

- How people express themselves through the arts and language
- How cultures use available resources for celebration
- The connection between celebrations across cultures?

Central Idea: Communities are affected by the decisions of their citizens.

Key Concepts: Responsibility and Causation

Related Concepts: Organization and Community

Lines of Inquiry:

- The purpose of roles, responsibilities, and essential agreements in our classroom and school
- Characteristics of a good citizen in a variety of communities
- Decision making, cause and effect, and the action cycle
- Reflecting on the impact of choices on self and others using the action cycle

Central Idea:
Our planet and its living living things grow and change through cycles

Key Concepts:
Change, Function, Connection

Related Concepts:
Processes, Interdependence, and Sequence, patterns, relationships

Lines of Inquiry:

- An inquiry into forms of natural resources (renewable and nonrenewable)
- An inquiry into patterns in the natural world including life cycles, water cycle, moon phases, and settlement patterns
- An inquiry into patterns in literature including poetry and fiction stories
- An inquiry into patterns in math with equal groups

Central Idea:
The choices we make impact the environment.

Key Concepts:
Responsibility, Connection, Reflection

Related Concepts: perspective, change, cycle

Lines of Inquiry:

- An inquiry into human waste and the environment
- An inquiry into minimizing our impact in the environment

3rd Grade

Central Idea: Our differences create diverse and accepting communities.
Key Concepts: perspective, connection, responsibility
Related Concepts: communication, beliefs, roles

- Lines of Inquiry**
- An inquiry into classic tales.
 - An inquiry into human communities.
 - An inquiry into the human body systems.

Central Idea: Exploration begins with inquiry and leads to discoveries, opportunities, and new understandings.
Key Concepts: Form, Change, and Connection

- Related Concepts:** Influence and Perseverance
- Lines of Inquiry:**
- Ways in which people explore
 - How inquiry can lead to new opportunities and understandings
 - Mistakes during inquiry and exploration lead to new discoveries and new learning
 - Social, personal, economic, and technological effects of exploration and discovery

Central Idea: Systems are established to create organization.
Key Concepts: Function, Causation, Form
Related Concepts: Systems and Structures

- Lines of Inquiry:**
- Analysis of organization or lack of organization
 - Need for systems in a community
 - Personal organization systems

Central Idea: Needs promote creativity that is expressed in a variety of ways.
Key Concepts: Function, Causation, and Change
Related Concepts: Purpose and Development

- Lines of Inquiry:**
- Ways in which we express our creativity
 - Ways innovation comes from a need or a want
 - How the invention/creation impacts or improves the world

Central Idea All parts of a system have a function.
Key Concepts Change, Connection,Causation, Form
Related Concepts: Data, Cycles, Interdependence, government

- Lines of Inquiry**
- An investigation into animal classification
 - An investigation into the human body
 - An investigation into energy, forces, and motion
 - An investigation in the physical environment

Central Idea Living things make changes in order to survive.
Key Concepts Form Change Connection
Related Concepts: communication , interdependence, systems, representation
Lines of Inquiry

- An investigation into changes in our government to help people.
- An investigation into how weather changes.
- An investigation into how data can be used to make changes.
- An investigation into how historical figures change history.

4th Grade

Theme: Who We Are
Central Idea: Our beliefs and values help strengthen relationships with members in our community.
Key Concepts: form, connection, perspective
Related Concepts: Representation, Relationships, Culture, History
Lines of Inquiry

- An inquiry into our own cultures and beliefs
- An inquiry into cultural influence
- An inquiry into personal narratives
- An inquiry into physical properties of matter

Theme
Where We Are In Place and Time
Central Idea
Personal histories are affected by the interconnectedness of people and the environment.

Key Concepts
Form
Connection
Change

Lines of Inquiry

- An inquiry into geography affect our lives
- An inquiry into relationships and the environment and how it impact character's and their development
- An inquiry into matter and its impact on the geographic environment?

Central Idea:
People who find their voice and use it positively empower themselves and influence others.
Key Concepts:
Perspective, Connection, and Responsibility

Related Concepts:
Voice and Transformation

Lines of Inquiry:

- How to express your thinking with justifications
- Ways to express thoughts, beliefs, and feelings
- Personal goal setting in the classroom and home
- Exploring the influence and voices of famous artists, scientists, mathematicians, and authors

Theme
How We Organize Ourselves
Central Idea
The impact that people have on the environment affects available resources and economic activity.
Key Concepts
Form
Function
Change
Lines of Inquiry

- Why is conservation important and how can I do my part?
- How do available resources affect the economy?
- How does plot help readers better understand literary elements?
- What economic opportunities impacted the exploration and settlements of Texas?

Central Idea:
Human societies interact with the natural world.

Key Concepts:
Form, Function, Causation, Change

Related Concepts:
Non-fiction, informational texts, migration, circuits, earth's resources, adaptation

Lines of Inquiry:

- An inquiry into the effects of exploration
- An Inquiry into the law's of number patterns
- An inquiry into energy resources
- Inquiry into the laws of force and motion
- An inquiry into the organizational patterns in text and writing

Central Idea
The planet is affected by human activity.

Key Concepts
Causation, function, responsibility

Lines of Inquiry

- An inquiry into synthesizing new knowledge from various modalities.
- An inquiry into civic engagement
- An inquiry into using data to communicate a perspective
- An inquiry into the interdependence of organisms and their ecosystems.

5th Grade

Central Idea: The person’s environment, experiences, and culture affects the way they behave.

Key Concepts: change, responsibility, reflection

Related Concepts: Roles, Adaptation, Audience

- Lines of Inquiry**
- An inquiry into individual roles
 - An inquiry into problems solving
 - An inquiry into ancient civilizations
 - An inquiry into personal narratives

Central Idea:
The development of modern societies have been influenced by past challenges, risks, and discoveries.

Key Concepts:
Perspective, Causation, Reflection

Related Concepts: Point of view, cause and effect, organization, inferencing

- Lines of Inquiry:**
- An inquiry into the effects of exploration and discoveries
 - An inquiry into the cycles that keep our world working
 - An inquiry into the cause and effect of human choices
 - An inquiry into personal connections readers can make to a text
 - An inquiry into our solar system

Central Idea
Discovery and expression shape human identities

Key Concepts
Form, Responsibility, Perspective

- Lines of Inquiry**
- An inquiry into the relationship between art and time
 - An inquiry into historical events influence expression and creativity
 - An inquiry into physical properties define matter

Central Idea
We use organizational systems to help us learn and make sense of the world.

Key Concepts
Function, Causation Connection

- Lines of Inquiry**
- How do we personally connect to what we read?
 - What factors make matter change?
 - How does the function of operations affect the solutions?

Central Idea
Interdependence is necessary in order for systems to function.

Key Concepts
Connection, Perspective Reflection

- Lines of Inquiry**
- An inquiry into the function of law and order
 - Compare and contrast local and state governments (structured and function)
 - An inquiry into different type of governments and structures
 - An inquiry into natural resources
 - An inquiry into the laws of force and motion
 - Explain what it means to be civically responsible

Central Idea
Our planet is affected by human activity.

Key Concepts
Causation, Connection Responsibility

- Related Concepts**
Activism, Behavior Relationships Interdependence Initiative
- Lines of Inquiry**
- An investigation into synthesizing new knowledge from various modalities.
 - An investigation into civic disputes and activism
 - An investigation into using data to communicate a perspective
 - An investigation into the interdependence of organisms and their ecosystems.

If you have any questions about the Program of Inquiry, please contact your child's homeroom teacher
Or our IB Coordinator, Ms. Timms [Torrian Timms](#)