

## Hankey Program of Inquiry 2023-2024

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	An Inquiry into: Who we are	An Inquiry into: Where we are in place and time	An Inquiry into: How we express ourselves	An Inquiry into: How the world works	An Inquiry into: How we organize ourselves	An Inquiry into: Sharing the planet	
T K	<p><b><u>Central Idea:</u></b> <i>Relationships help us learn.</i></p> <p><b><u>Key Concepts</u></b> perspective</p> <p><b><u>Lines of Inquiry</u></b></p> <p>People's actions affect others</p> <p>Friendships are important relationships</p> <p>People learn by playing</p> <p><b><u>Learner Profile</u></b> communicator open minded</p>		<p><b><u>Central Idea:</u></b> <i>Communities communicate.</i></p> <p><b><u>Key Concepts</u></b> connection form</p> <p><b><u>Lines of Inquiry</u></b></p> <p>Good citizens listen, share, care, and take turns</p> <p>People communicate in different ways</p> <p>Scientists use tools to make discoveries</p> <p>Sense give us information</p> <p><b><u>Learner Profile</u></b> principled caring</p>	<p><b><u>Central Idea:</u></b> <i>Needs connect communities.</i></p> <p><b><u>Key Concepts</u></b> responsibility function</p> <p><b><u>Lines of Inquiry</u></b></p> <p>There are different types of communities</p> <p>Within communities there are many jobs</p> <p>Sounds and lights communicate ideas in our community</p> <p>People use a variety of vehicles to transport things</p> <p><b><u>Learner Profile</u></b> knowledgeable thinker</p>			

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K	<p><b><u>Central Idea:</u></b> <i>Citizens belong to communities.</i></p> <p><b><u>Key Concepts</u></b> Connections Reflection Responsibility</p> <p><b><u>Related Concepts</u></b> Roles Citizenships Impacts</p> <p><b><u>Lines of Inquiry</u></b> -Characteristics of good citizenship in a community -How the choices we make affect others -The types of jobs people have in a community -Maps help us find places</p> <p><b><u>Learner Profile</u></b> Caring Principled</p>	<p><b><u>Central Idea:</u></b> <i>Celebrations symbolize traditions.</i></p> <p><b><u>Key Concepts</u></b> Form Perspective</p> <p><b><u>Related Concepts</u></b> Belief Culture History</p> <p><b><u>Lines of Inquiry</u></b> - How traditions and celebrations can be connected to holidays -How traditions link to our past -The reasons people celebrate holidays -The similarities and differences between cultural holidays -Chronological order</p> <p><b><u>Learner Profile</u></b> Communicator Open-minded Risk- taker</p>	<p><b><u>Central Idea:</u></b></p> <p><b><u>Key Concepts</u></b></p> <p><b><u>Related Concepts</u></b></p> <p><b><u>Lines of Inquiry</u></b></p> <p><b><u>Learner Profile</u></b></p>	<p><b><u>Central Idea:</u></b> <i>Predictable cycles occur.</i></p> <p><b><u>Key Concepts</u></b> Causation Change Function</p> <p><b><u>Related Concepts</u></b></p> <p><b><u>Lines of Inquiry</u></b> -Predictable patterns describe weather and seasons -Trees provide resources and change through the seasons -Weather and seasons influence people's activities and choices -Mathematicians can graph information</p> <p><b><u>Learner Profile</u></b> Thinker Knowledgeable</p>	<p><b><u>Central Idea:</u></b></p> <p><b><u>Key Concepts</u></b></p> <p><b><u>Related Concepts</u></b></p> <p><b><u>Lines of Inquiry</u></b></p> <p><b><u>Learner Profile</u></b></p>	<p><b><u>Central Idea:</u></b> <i>Structures help us live and grow.</i></p> <p><b><u>Key Concepts</u></b> Form Function</p> <p><b><u>Related Concepts</u></b> Structures Role Classification</p> <p><b><u>Lines of Inquiry</u></b> -Letters and words help us grow as readers (form) -The structures of different animals and plants (form and function) -What plants and animals need to live and grow (function)</p> <p><b><u>Learner Profile</u></b> Inquirer Thinker</p>

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1st	<p><b>An Inquiry into: Who we are</b></p> <hr/> <p><b>Central Idea:</b> <i>Personal choices affect communities.</i></p> <p><b>Key Concepts:</b> Form Responsibility Causation</p> <p><b>Related Concepts:</b> Structure Citizenship Consequences Change</p> <p><b>Lines of Inquiry</b> -Rules create structure (Form)  -Citizens' behaviors bring about cause and effect (Causation)  -Citizens have responsibilities (Responsibility)  -Voting data creates results and change (Causation)</p> <p><b>Learner Profiles:</b> Risk-Taker Principled Open-Minded Caring</p>	<p><b>An Inquiry into: Where we are in place and time</b></p> <hr/> <p><b>Central Idea:</b> <i>Discoveries impact the quality of life.</i></p> <p><b>Key Concepts:</b> Change Form</p> <p><b>Related Concepts:</b> Transformation Similarities/ Differences</p> <p><b>Lines of Inquiry</b> -Sound can be created and changed (Change/Form)  -Life long ago and today is similar and different (Change)  -Technology affects the way people live (Change)  -Change happens over time (Change/Form)</p> <p><b>Learner Profiles:</b> Inquirer Thinker</p>	<p><b>An Inquiry into: How we express ourselves</b></p> <hr/> <p><b>Central Idea:</b> <i>Symbols communicate meaning.</i></p> <p><b>Key Concepts:</b> Form Connection Perspective</p> <p><b>Related Concepts:</b> Properties Relationships Beliefs</p> <p><b>Lines of Inquiry</b> -Symbols are used to communicate ideas in reading, writing, and math (Form) -National symbols and landmarks have historical significance (Connection) -Patriotic songs unify a country (Perspective) -A country's flag conveys meaning (Form)</p> <p><b>Learner Profiles:</b> Open-Minded Reflective</p>	<p><b>An Inquiry into: How the world works</b></p> <hr/> <p><b>Central Idea:</b> <i>Patterns and cycles cause change in our world.</i></p> <p><b>Key Concepts:</b> Function Change</p> <p><b>Related Concepts:</b> Properties Patterns Cycles</p> <p><b>Lines of Inquiry</b> -Air has properties and can change pressure and temperature (Function) -Changes in the sun, moon, and stars, are observable each day (Change) -Scientists use tools to measure and observe the sky (Function) -Seasons help us to predict weather patterns (Change)</p> <p><b>Learner Profiles:</b> Knowledgeable Inquirer</p>	<p><b>An Inquiry into: How we organize ourselves</b></p> <hr/> <p><b>Central Idea:</b> <i>Relationships link societies.</i></p> <p><b>Key Concepts:</b> Connection Function</p> <p><b>Related Concepts:</b> Relationships Role</p> <p><b>Lines of Inquiry</b> -Citizens make choices based on wants and needs (Connection) -Money and/or trade are used to get goods and services (Connection) -Members of a community provide goods and services to others (Function)</p> <p><b>Learner Profiles:</b> Balanced  Communicator</p>	<p><b>An Inquiry into: Sharing the planet</b></p> <hr/> <p><b>Central Idea:</b> <i>Structures serve purpose in environments.</i></p> <p><b>Key Concepts:</b> Change Connection Reflection Form</p> <p><b>Related Concepts:</b> Adaptation Relationships Responsibility</p> <p><b>Lines of Inquiry</b> -Plants and animals have external features that help them to survive and grow (Form) -Plants and animals live together in different habitats (Connection) -Parents have similarities and differences with their offspring (Change) -Humans solve problems by mimicking plants and animals (Reflection) -Mathematicians use the system of graphing to organize data (Form)</p> <p><b>Learner Profiles:</b> Reflective Caring</p>
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2nd	<p><b>Central Idea:</b> <i>Family histories influence beliefs and values.</i></p> <p><b>Key Concepts</b> Connection Perspective Change</p> <p><b>Related Concepts</b> Sequence Beliefs Tradition</p> <p><b>Lines of Inquiry</b> - How historians, mathematicians, scientists, and writers organize and record events in order (connection) -How our daily lives compare with our parents'/grandparents (perspective) -How to tell time and how items change over time (change)</p> <p><b>Learner Profile</b> Open-minded Reflective Inquirer</p>	<p><b>Central Idea:</b> <i>Physical changes affect living things.</i></p> <p><b>Key Concepts:</b> Form Function Change</p> <p><b>Related Concepts:</b> Structure Order</p> <p><b>Lines of Inquiry</b> -How we use and describe location using maps (function) -How maps represent distance and landforms (form) -How fast and slow changes affect Earth's surface (change)</p> <p><b>Learner Profiles:</b> Knowledgeable Thinker Communicator</p>	<p><b>Central Idea:</b> <i>Actions express values.</i></p> <p><b>Key Concepts:</b> Causation Responsibility Perspective</p> <p><b>Related Concepts:</b> Values Consequences Impact</p> <p><b>Lines of Inquiry</b> -How values motivate actions (responsibility) -The difference between intrinsic and extrinsic motivations (causation) -How we define the characteristics of heroes and leaders (perspective)</p> <p><b>Learner Profiles:</b> Balanced Principled Caring</p>	<p><b>Central Idea:</b> <i>Properties of matter influence design.</i></p> <p><b>Key Concepts:</b> Form Change Function</p> <p><b>Related Concepts:</b> Matter Properties Evidence</p> <p><b>Lines of Inquiry</b> -How matter and shapes can be described and classified by its properties (Form) -How matter can change in form and state (Change) -Which materials best serve for an intended purpose or solve a problem (Function)</p> <p><b>Learner Profiles:</b> Risk-taker Thinker Reflective</p>	<p><b>Central Idea:</b> <i>Systems determine how we live .</i></p> <p><b>Key Concepts:</b> Perspective Function Responsibility</p> <p><b>Related Concepts:</b> Structure Rights Justice</p> <p><b>Lines of Inquiry</b> -The roles of individuals within systems (responsibility) -How government creates and maintains order (function) -The ways in which groups interact with one another (perspective)</p> <p><b>Learner Profiles:</b> Communicator Open-minded Balanced</p>	<p><b>Central Idea:</b> <i>Interdependence creates balance within communities.</i></p> <p><b>Key Concepts:</b> Causation Function Connection</p> <p><b>Related Concepts:</b> Trade Resources Adaptation</p> <p><b>Lines of Inquiry</b> -How limits on resources affect production and consumption (causation) -How land is used in different communities (function) -How plants and animals relate as producers and consumers (connection)</p> <p><b>Learner Profiles:</b> Principled Caring Balanced</p>

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3rd	<p><b>Central Idea:</b> <i>Actions impact the culture of a community.</i></p> <p><b>Key Concepts:</b> Form Function Responsibility</p> <p><b>Related Concepts:</b> Citizenship Roles</p> <p><b>Lines of Inquiry</b> -productive citizens create structure (form) -strategies help citizens maneuver through mental, social, and personal relationships (function) -citizens learn their importance within a community -citizens participate within their communities -communities change over time</p> <p><b>Learner Profile:</b> Risk Taker Open Minded</p>	<p><b>Central Idea:</b> <i>Water shapes Earth's systems.</i></p> <p><b>Key Concepts:</b> Function Connection Perspective</p> <p><b>Related Concepts:</b> Interdependence Adaptation Structure</p> <p><b>Lines of Inquiry</b> -how water changes the shape of the Earth (connection) -how temperature affects water, weather, and the water cycle (function) -ways to describe different climates (perspective)</p> <p><b>Learner Profile:</b> Knowledgeable Thinker Caring</p>	<p><b>Central Idea:</b> <i>Perspective impacts expression.</i></p> <p><b>Key Concepts:</b> Causation Perspective Connection</p> <p><b>Related Concepts:</b> Impact Beliefs Evidence</p> <p><b>Lines of Inquiry</b> -factual interpretation and cultural beliefs about the natural world influence perspective (connection) -how people use their own experiences to analyze the characters in a story (perspective) -landmarks, symbols, and songs define a culture (perspective) -citizens and government work</p>	<p><b>Central Idea:</b> <i>Objects and materials interact with forces and matter.</i></p> <p><b>Key Concepts:</b> Causation Form Reflection</p> <p><b>Related Concepts:</b> Properties Evidence Transformation</p> <p><b>Lines of Inquiry</b> -how variables can affect forces (causation) -how scientists use observations of systems to make predictions (reflection) -how engineers observe patterns of motion to design solutions to engineering problems -how tools can be used to measure the mass of materials in mixtures (causation)</p>	<p><b>Central Idea:</b> <i>Connections define systems.</i></p> <p><b>Key Concepts:</b> Responsibility Connection Function</p> <p><b>Related Concepts:</b> Values Systems</p> <p><b>Lines of Inquiry</b> -how communities exchange within systems to meet wants and needs (connection) -mathematicians use units of exchange to meet the needs for an agreed-upon value for goods and services (function) -how consumers prioritize and make choices for their use of resources based on their needs and wants (responsibility)</p> <p><b>Learner Profile:</b> Balanced Thinker Reflective</p>	<p><b>Central Idea:</b> <i>Observable structures and behaviors create function.</i></p> <p><b>Key Concepts:</b> Form Function Connection</p> <p><b>Related Concepts:</b> Change Relationships</p> <p><b>Lines of Inquiry-</b> -how structures enable life functions (form) -how organisms grow and develop (function) -how organisms interact in groups (connections) -how characteristics of one generation are related to the previous generation (connection) -how individuals of the same species vary in look, function, and behavior (connection) -how genetic variation among organisms affects survival and reproduction (function)</p> <p><b>Learner Profile:</b> Open-Minded</p>

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	Reflective		together (connection) -governing documents define roles and structure in a community (form/function) <u><b>Learner Profile:</b></u> Thinker Inquirer	<u><b>Learner Profile:</b></u> Inquirer Reflective Thinker		Risk Taker Reflective

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4th	<p><b>Central Idea:</b> <i>Beliefs build our identity.</i></p> <p><b>Key Concepts:</b> Causation Reflection Change</p> <p><b>Related Concepts:</b> Diversity Perspective</p> <p><b>Lines of Inquiry</b> -Influence on the native and non-native cultures within communities and individuals (reflection) -Lifestyle of Native Americans (change) -Impact of religion and spiritual tradition (causation) -How fast changes in the Earth affect people and landforms (causation and change)</p> <p><b>Learner Profiles:</b> Inquirers Reflective</p>	<p><b>Central Idea:</b> <i>Migration creates opportunity.</i></p> <p><b>Key Concepts:</b> Causation Change Perspective</p> <p><b>Related Concepts:</b> Population Settlement</p> <p><b>Lines of Inquiry</b> -The reasons people migrate - How people traveled  -Effects of travel on immigrants  -Effects of migration on communities, cultures, and individuals</p> <p><b>Learner Profiles:</b> Risk Takers Open-minded</p>	<p><b>Central Idea:</b> <i>Forms of communication allow messages to be expressed.</i></p> <p><b>Key Concepts:</b> Perspective Form Change</p> <p><b>Related Concepts:</b> Structure Persuasion Communication</p> <p><b>Lines of Inquiry</b> -The various forms of language of people and animals -The ways communication has changed over time  -The impact of advertisements  -Conveying messages through words and images</p> <p><b>Learner Profiles:</b> Communicator Reflective</p>	<p><b>Central Idea:</b> <i>Energy exists in many forms.</i></p> <p><b>Key Concepts:</b> Connection Function Form</p> <p><b>Related Concepts:</b> Conservation Transformation Systems</p> <p><b>Lines of Inquiry</b> -The relationship of electricity and magnetism (connection) -The way electricity flows (function) -How every action is caused by energy (form) -How much force is needed to move an object (function)</p> <p><b>Learner Profiles:</b> Knowledgeable Inquirers</p>	<p><b>Central Idea:</b> <i>Systems create order.</i></p> <p><b>Key Concepts:</b> Form Function Responsibility</p> <p><b>Related Concepts:</b> Equality Government Responsibility</p> <p><b>Lines of Inquiry</b> -The purpose of government (function) -The structure of local, state, and federal government (form) -The function of the powers of the government (function) -The responsibility of a citizen in a government system (responsibility)</p> <p><b>Learner Profiles:</b> Thinkers Principled</p>	<p><b>Central Idea:</b> <i>Location connects culture.</i></p> <p><b>Key Concepts:</b> Causation Function Connection</p> <p><b>Related Concepts:</b> Diversity Perspective</p> <p><b>Lines of Inquiry</b> -The effects of location and climate (causation) -The relationships of people and animals within climates (connection) -How ecosystems are different depending on location (causation and function) -How plants and animals have internal and external structures that function to support survival, growth, behavior and reproduction (function)</p> <p><b>Learner Profiles:</b> Inquirer Reflective</p>

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5 <sup>th</sup>	<p><b>Central Idea:</b> <i>Survival depends upon systems.</i></p> <p><b>Key Concepts:</b> Form Function Connection</p> <p><b>Related Concepts:</b> Systems Structure Relationships</p> <p><b>Lines of Inquiry</b> -How systems ensure the survival of an organism (Connection) -How adaptations are essential for survival (Function) -How food webs and food chains are essential for the survival of living things (Connection) -What the systems for survival are (Form)</p> <p><b>Learner Profile:</b> Inquirer Caring Balanced</p>	<p><b>Central Idea:</b> <i>Compromise develops relationships.</i></p> <p><b>Key Concepts:</b> Form Causation Reflection Connection</p> <p><b>Related Concepts:</b> Networks Responsibility Patterns</p> <p><b>Lines of Inquiry</b> -Patterns of travel -The interdependence of group members -The interconnection of physical growth and opportunities for individuals who migrate -The impact migrants have on native people's lives -The knowledge gained from observing native people's behavior</p> <p><b>Learner Profile:</b> Knowledgeable Reflective Risk-Takers</p>	<p><b>Central Idea:</b> <i>Power influences choices.</i></p> <p><b>Key Concepts:</b> Causation Perspective Responsibility</p> <p><b>Related Concepts:</b> Conflict Communication Rights Roles Consequences</p> <p><b>Lines of Inquiry</b> -Ways groups react to a leader's delegation and enforcement of power -Settlement patterns based upon beliefs and values -Reasons for and consequences of conflict -Transformation of a revolution into a republic</p> <p><b>Learner Profile:</b> Open-minded Thinker</p>	<p><b>Central Idea:</b> <i>Structures take many forms.</i></p> <p><b>Key Concepts:</b> Form Function Change Reflection</p> <p><b>Related Concepts:</b> Consequences Relationships Structures Systems</p> <p><b>Lines of Inquiry</b> -The properties and structures of matter -Differences between mixture and solution -Concentration and saturation -Chemical reactions</p> <p><b>Learner Profile:</b> Thinker Knowledgeable Communicator</p>	<p><b>Central Idea:</b> <i>Lifestyle choices impact settlement.</i></p> <p><b>Key Concepts:</b> Function Causation Form</p> <p><b>Related Concepts:</b> Empathy Adaptation Conflict Prejudice Opinion</p> <p><b>Lines of Inquiry</b> - Available resources influence how a group's economy develops -Religious background influences where people settle -People join political groups for various reasons -Politics, religion, and economy influence one's social group</p> <p><b>Learner Profile:</b> Balanced Open-minded Thinker</p>	<p><b>Central Idea:</b> <i>Earth's systems interact and affect each other.</i></p> <p><b>Key Concepts:</b> Form Function Causation Responsibility</p> <p><b>Related Concepts:</b> Impact Consequences</p> <p><b>Lines of Inquiry</b> -Objects observed in our solar system - The many spheres that interact on Earth -The distribution of Earth's water and how it moves</p> <p><b>Learner Profile:</b> Open-minded Caring Knowledgeable</p>



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