

Hammond Eastside Magnet

Programme of Inquiry 2022-2023

Grade and age	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
	An inquiry into the nature of the self; beliefs and values; personal, physical, mental, social and spiritual health; human relationships including family, friends, communities, and cultures; rights and responsibilities; what it means to be human.	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.	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.	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.	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.	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.
Pre-K 4-5 year olds	<p>Central idea Wonders help us learn</p> <p>Key concepts: connection, reflection, responsibility</p> <p>Related Concepts: consequences, citizenship, relationships</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> ● My feelings ● My family relationships ● Solving Problems 		<p>Central idea Knowledge can be shown through art</p> <p>Key concepts: perspective, form</p> <p>Related Concepts: choice, culture, history, influence, traditions</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> ● Characteristics of different art forms ● Experiences impact perspective ● Celebrations 	<p>Central idea Cycles bring about change.</p> <p>Key concepts: change, causation, connection</p> <p>Related Concepts: cycle, pattern, relationships</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> ● The purposes to why things happen ● Cycles are a universal concept ● Interruptions in a cycle can affect the outcome 	<p>Central idea There are responsibilities in groups</p> <p>Key concepts: Function, responsibility, reflection</p> <p>Related Concepts: community, organization, role</p> <p>Line of inquiry:</p> <ul style="list-style-type: none"> ● Various communities to which we belong ● Function of the alphabet to make words ● Roles and responsibilities within a group 	

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K 5-6 year olds	<p>Central idea Responsibilities impact our community</p>	<p>Central idea People and places change</p>	<p>Central idea Perspective impacts expression</p>			<p>Central idea Living things adapt to their environment.</p>
	<p>Key concepts: function, responsibility, connection</p>	<p>Key concepts: change, form causation</p>	<p>Key concepts: perspective, function, causation</p>			<p>Key concepts: function, change, connection</p>
	<p>Related Concepts: beliefs, rights, consequences</p>	<p>Related Concepts: story structure, parts of speech and sentences, number sense, needs of living and nonliving things</p>	<p>Related Concepts: interpretation, structure, communication,</p>			<p>Related Concepts: number sense, fiction/nonfiction, shapes text features/labeling, story elements</p>
	<p>Line of inquiry</p> <ul style="list-style-type: none"> • Roles and responsibilities in a community • Sequential order • Communication skills 	<p>Line of inquiry</p> <ul style="list-style-type: none"> • development of traditions • cause and effect with numbers • sound relationships, • cause and effect-strength of pushes and pulls can affect the speed of an object 	<p>Line of inquiry</p> <ul style="list-style-type: none"> • Different ways we express ourselves • Tools used for expression • Compare and contrast methods of expression 			<p>Line of inquiry</p> <ul style="list-style-type: none"> • The role of living things in their environment. • composing and decomposing numbers • spatial understanding

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1 st Grade 6-7 year olds	<p>Central idea People reflect when they make changes</p> <p>Key concepts: perspective, form, connection</p> <p>Related Concepts: landforms, maps, theme</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Learning from stories designing solutions to problems 	<p>Central idea Journeys may lead to change or growth</p> <p>Key Concepts change, perspective, function</p> <p>Related Concepts: addition, patterns, observations, systems</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Observing patterns Identifying changes over time Retelling event 	<p>Central idea Communication takes many forms.</p> <p>Key concepts: form, perspective, connections</p> <p>Related Concepts: Sound, Recycling, Telling Time, Fractions</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Use precise language to describe things Making Observations 	<p>Central idea Connections link ideas</p> <p>Key concepts: causation, perspective, change</p> <p>Related Concepts: needs and wants, sound energy, time, fractions, opinion writing</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> comparing and contrasting ideas predicting outcomes 	<p>Central idea Patterns can affect daily lives.</p> <p>Key concepts: Causation, Connection, Form</p> <p>Related Concepts: weather, measurement place value, informative writing, narrative writing</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> predicting patterns observing cycles 	<p>Central idea Parts have a purpose</p> <p>Key concepts: Causation, Function Connection</p> <p>Related Concepts: parts of an informative paragraph, part/part/whole, survival</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Identifying parts of a whole Comparing parents to offspring Locating information using resources
2 nd Grade 7-8 year olds	<p>Central idea Tough experiences build character</p> <p>Key concepts: Perspective, function, change</p> <p>Related Concept: impact of famous americans, historical events, addition and subtraction</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Earth Changes Composing and decomposing numbers Famous Americans 	<p>Central idea Movement impacts life</p> <p>Key concepts Causation, Change, Form</p> <p>Related Concepts: Addition, Problem and solution, story elements, migration</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Movement that creates change Early Explorers The properties of matter make materials suited to different purposes 	<p>Central idea Individual expression is a choice.</p> <p>Key concepts: responsibility, causation, perspective</p> <p>Related Concepts: Nutrition, Plants, Problem-solving</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Problem solving strategies Healthy choices Seed dispersal and pollination 	<p>Central idea Actions cause change</p> <p>Key concepts: form, change</p> <p>Related Concepts: Writing process, measurement, matter</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Changes in weather impact people and nature Communities develop over time. Place value changes a number's value. 	<p>Central idea Balanced relationships build structure</p> <p>Key concepts function, perspective, responsibility</p> <p>Related Concepts: time lines, data, research</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Problem solving with money Analyzing data Connection of historical events and scientific ideas 	<p>Central idea Living things depend on the Earth.</p> <p>Key concepts: function, connection</p> <p>Related Concepts: connections, patterns, systems</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Plant exploration Importance of animals of seed dispersal Organization

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3rd Grade 8-9 year olds	<p>Central idea Relationships impact choices</p> <p>Key concepts: Form, Function, Responsibility</p> <p>Related Concepts: Systems, Data, Relationships, Choices</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> relationships within systems Choices 	<p>Central idea Arrangements affects outcomes</p> <p>Key concepts: Form, Function, Causation</p> <p>Related Concepts: systems, patterns, discoveries, civilizations, trade</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Structure of environments Patterns of equal groups Sources and text features 	<p>Central idea Learning and discovering affect life</p> <p>Key concepts: Causation, form, Connection</p> <p>Related Concepts: Interdependence, Relationships, Home, Movement</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Parts of a Whole Movement Rights and Responsibilities 	<p>Central idea Location influences change.</p> <p>Key concepts: change, Perspective, Causation</p> <p>Related Concepts: impact, transformation, migration, organisms</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Cultural Influences Relationships in math Sources and text features 	<p>Central idea Actions have consequences</p> <p>Key concepts: causation, Responsibility, Connection</p> <p>Related Concepts: Point of View, Compare and Contrast, Cause and Effect, Area, Survival</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Choices and Responsibility Sequencing Structure of Government Characteristics 	<p>Central idea Change Impacts the growth</p> <p>Key concepts: Form, Change, Causation</p> <p>Related Concepts: Theme, Growth, Story telling, weather patterns, Sources, patterns of change</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Learning from sources and text Predicting patterns Analyzing results
	4th Grade 9-10 year olds	<p>Central idea Relationships stimulate development.</p> <p>Key concepts: Form, connection, causation</p> <p>Related Concepts: history, culture,, energy, early American, division</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Growth and movement energy Justifying opinions and claims 	<p>Central idea Local influences change</p> <p>Key concepts: form, connection, change</p> <p>Related Concepts: Location, structure, transformation, relationships, place value, maps, regions, research</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Characteristics of structures Using resources to inquire Earth's natural changes 	<p>Central idea Perspectives create a diversity of ideas.</p> <p>Key concepts: Perspective, reflection, responsibility</p> <p>Related Concepts: geometry, medieval times measurement, civil rights movement, sight/light rays</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> written expression viewing situations through multiple lenses ways people express their perspective 	<p>Central idea One event leads to another</p> <p>Key concepts: change, causation, function</p> <p>Related Concepts: settlements, discoveries, causation, cause and effect</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Establishing a structure Relationships within patterns 	<p>Central idea Interdependency maintains balance.</p> <p>Key concepts: responsibility, connection, function</p> <p>Related Concepts: interactions, organization, balance, system, energy, fractions</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> interaction within systems Roles influence responsibility movement

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5 th Grade 10-11 year olds	Exhibition	<p>Central idea Adaptations occur through change.</p> <p>Key concepts: causation, responsibility, change</p> <p>Related Concepts: measurement, adaptations, regions, inventions</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> • environmental effects on humans • effects of migration • interactions influence outcomes 	<p>Central idea Cultural diversity can shape society.</p> <p>Key concepts: perspective, change</p> <p>Related Concepts: culture, exploration, traditions, society</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> • Components of cultures • Impact of different cultures • Expression of beliefs 	<p>Central idea Observations and explorations lead to discovery.</p> <p>Key concepts: Form, Change</p> <p>Related Concepts: Observation, Civilization, Compare/Contrast, Matter, Place value</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> • Change over time • Characteristics of Civilization • Data interpretation 	<p>Central idea Individual components create systems.</p> <p>Key concepts: form, function, connection</p> <p>Related Concepts: systems, organization, exploration, diffusion, multiplication and division</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> • How parts work together • Functions of individual parts • How systems are organized 	<p>Central idea The parts of a system can work together to maintain balance.</p> <p>Key concepts: connection, causation, responsibility</p> <p>Related Concepts ecosystems, culture, balance, relationships, perspective, cultural diffusion, food chain</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> • Evidence to support a claim • Interdependence and balance of systems