

Hammond Eastside Magnet

Programme of Inquiry 2018-2019

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 and actions • My family relationships and friends • How to be a learner 		<p>Central idea Knowledge can be shown through art</p> <p>Key concepts: reflection, 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 school community • Actions effect systems 	
K 5-6 year olds	<p>Central idea A community is a way life organizes itself.</p> <p>Key concepts: function, responsibility, connection</p> <p>Related Concepts: beliefs, rights, consequences</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> • Roles within a local community • Rights of individuals • Actions of community members 		<p>Central idea Perspective impacts expression</p> <p>Key concepts: perspective, function, causation</p> <p>Related Concepts: interpretation, structure, communication,</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> • Different ways we express ourselves • Tools used for expression 	<p>Central idea Action leads to reaction.</p> <p>Key concepts: form, causation, change</p> <p>Related Concepts: force, consequences, cause and effect</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> • Definition of reaction • The language of experiments 		<p>Central idea Living things adapt to their environment.</p> <p>Key concepts: function, change, connection</p> <p>Related Concepts: relationships, role, adaptations</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> • The role of living things in their environments • How living things share the environment • Living things have

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	<ul style="list-style-type: none"> Tools and skills to complete a job 		<ul style="list-style-type: none"> Compare and contrast methods of expression 			features for their specific environment
1st Grade 6-7 year olds	<p>Central idea Life is shaped by choices</p> <p>Key concepts: Responsibility, Connection, Causation</p> <p>Related Concepts: choice, safety, health, open-minded</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> How to be caring Personal Safety Making balanced choices 	<p>Central idea Ideas and actions change over time</p> <p>Key concepts: causation, change, perspective</p> <p>Related Concepts: history, relationships, settlement patterns, geography</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> compare and contrast past and present investigating change locating information using resources 	<p>Central idea Communication takes many forms.</p> <p>Key concepts: form, perspective, reflection</p> <p>Related Concepts: patriotism, traditions, space</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Artistic expression through poetry and art Representations of patriotism Making observations 	<p>Central idea Connections make the world work</p> <p>Key concepts: form, function, change</p> <p>Related Concepts: matter, geographical changes, energy, scientific observations</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Observing energy Predicting outcomes Investigating text 	<p>Central idea Relationships link people and ideas</p> <p>Key concepts: Connection, change, Function</p> <p>Related Concepts: communities large and small, recycling, addition and subtraction, reading and writing, interrelatedness, patterns</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Compare needs and wants 	<p>Central idea Forms relate to their purpose</p> <p>Key concepts: form, change, function</p> <p>Related Concepts: structures, similarities/differences, patterns, systems, habitats</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Discovering relationships Investigating patterns
2nd Grade 7-8 year olds	<p>Central idea Change impacts life</p> <p>Key concepts: Connection, Causation, Perspective</p> <p>Related Concepts: diversity, culture, behavior, movement from one place to another, relationships</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Changes among local communities Traditions and rituals Finding important details among text and documents 	<p>Central idea Exploring helps us understand.</p> <p>Key concepts: form, causation, change</p> <p>Related Concepts: environment, transformation, map skills</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Geography Addition and subtraction strategies Genres of literature 	<p>Central idea People make choices based on their beliefs</p> <p>Key concepts: reflection, perspective, responsibility</p> <p>Related Concepts: language, expression</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Communicating through reading and writing Reflection can encourage growth Smart choices with money 	<p>Central idea Interactions cause change</p> <p>Key concepts: form, causation, change</p> <p>Related Concepts: matter, natural disasters, fiction and nonfiction text</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Categorize by observable characteristics Changes in land Interactions among words 	<p>Central idea Order helps us function effectively</p> <p>Key concepts: form, function, responsibility, perspective</p> <p>Related Concepts: government systems, laws and rules, roles, citizenship</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Responsibility of citizens Function of government systems Organization of numbers 	<p>Central idea Planning guides organization</p> <p>Key concepts: Causation, connection, Function</p> <p>Related Concepts: plant growth, food chain, research</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Diversity of living things Plant exploration Importance of animals in seed dispersal Organization within text

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3 rd Grade 8-9 year olds	<p>Central idea Relationships impact choices</p> <p>Key concepts: Form, Function, Responsibility</p> <p>Related Concepts: interactions, impact, organisms, relationships, evidence</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, civilization, 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: movement, technology, interdependence, relationships, home, area, data, narrative writing</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Parts of a whole Forms of expression Technology changing life 	<p>Central idea Interactions guide patterns</p> <p>Key concepts: change, Perspective, Causation</p> <p>Related Concepts: impact, cycles, transformation, matter, geographical patterns</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Action cycle Conflict measurement 	<p>Central idea Actions have consequences</p> <p>Key concepts: causation, Responsibility, Connection</p> <p>Related Concepts: government, power, laws and rules, roles, supply and demand, choice, opportunity</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Choices and responsibility Sequencing Structure of government 	<p>Central idea Change Impacts the growth</p> <p>Key concepts: Causation, Perspective, Change</p> <p>Related Concepts: population, migration, connections, experiences, context</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Ideas create perspective Patterns of settlements
4 th Grade 9-10 year olds	<p>Central idea Relationships stimulate development.</p> <p>Key concepts: form, connection, causation</p> <p>Related Concepts: history, culture, environments, health, interdependency, relationships</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Interdependency of organisms Parts make a whole Growth and development 	<p>Central idea Local influences change</p> <p>Key concepts: form, connection, change</p> <p>Related Concepts: location, structure, transformation, relationships</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: forms of energy, government, cause-effect</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Written expression Viewing situations through multiple lenses 	<p>Central idea One event leads to another</p> <p>Key concepts: change, causation, function</p> <p>Related Concepts: forms of energy, settlement, discovery, causation, cause-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: systems, accountability, interdependence, economics, resources</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Movement Roles influence responsibility Roles within systems 	<p>Central idea Understanding our world affects lives.</p> <p>Key concepts: connection, change, reflection</p> <p>Related Concepts: natural resources, relationships, movement, partnership,</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> Development occurs through a process Events consistently cause change

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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: evolution, migration, environment, civilization, colonization, writing process, fractions, earth systems, adaptation</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> • How the environment affects people • effects of migration • How interactions influence outcomes 	<p>Central idea Cultural diversity can shape society.</p> <p>Key concepts: reflection, perspective, change</p> <p>Related Concepts: culture, exploration, traditions, society, religion, formation of government, revolution, conversion, volume, geometry</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: connection, perspective, change</p> <p>Related Concepts: civilization, theme, migration, observation, discovery, place value, matter</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> • Reasons for exploration • Transformations of energy • 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/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 culture, balance, relationships, perspective interdependence, food chain, ecosystem</p> <p>Line of inquiry</p> <ul style="list-style-type: none"> • Compare and contrast • Cause and effect • Interdependence and balance of systems
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