

Memminger Programme of Inquiry 2017-18 Charleston, South Carolina, USA

Transdisciplinary strands that have been “claimed or discussed” are identified in *italics*

Who we are	Where we are in place & time	How we express ourselves	How the world works	How we organize ourselves	Sharing the planet
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.	An inquiry into orientation in place & time; personal histories; homes & journeys; the discoveries, explorations & migrations of humankind; the relationships between & the interconnectedness of individuals & civilizations, from local & 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 upon, 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 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.

C D 3 Y e a r s	<p>Central Idea: Children have an innate curiosity that drives their interest to understand their world and their place within it</p> <p><i>What it means to be human</i></p> <p>Concepts: reflection, form</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● Identifying interests ● Interests affect choices ● Interests develop knowledge 	<p>Central Idea: Children connect to one another through language and play.</p> <p><i>An inquiry into the ways in which we discover and express ideas</i></p> <p>Concepts: connection, causation</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● Communicating through play ● Connecting with others during play ● Play enhances language development 	<p>Central Idea: Children construct knowledge from direct interaction with the environment and in social groups.</p> <p><i>The interaction between the natural world and human societies</i></p> <p>Concepts: function, change</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● Making observations ● Developing questions ● Researching and communicating to find answers 	<p>Central Idea: Children have a sense of belonging and purpose when given responsibilities.</p> <p><i>Communities and the relationships between them.</i></p> <p>Concepts: perspective, responsibility</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● Developing a sense of responsibility ● Becoming a responsible member of the group ● How Individuals interact with others
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C D 4 Y e a r S	<p>Central Idea: Exploring similarities and differences help us understand ourselves and others.</p> <p><i>An inquiry into self</i></p> <p>Concepts: function, reflection</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● Inquiry into the self ● similarities and differences ● how to become part of a group 	<p>Central Idea: People display their feelings in order to communicate.</p> <p><i>An inquiry into the ways in which we discover and express ideas, feelings</i></p> <p>Concepts: perspective, connection</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● people express themselves through words ● skills for learning empathy ● emotion management ● relationship skills 	<p>Central Idea: People create structures to support the needs of the community.</p> <p><i>The structure and function of organizations</i></p> <p>Concepts: form, function, causation</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● roads in the community ● buildings in the community ● clothing of workers inside buildings 	<p>Central Idea: Humans are responsible for conserving limited resources.</p> <p><i>An inquiry into rights and responsibilities in the struggle to share finite resources with other people and with other living things;</i></p> <p>Concepts: Change, responsibility, Causation</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● natural resources change in the world around us ● humans have a responsibility to reduce, reuse, and recycle
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K i n d e r g r a d e	<p>Central Idea: We discover and learn about ourselves and the world through our senses. <i>What it means to be human</i></p> <p>Concept: function, connection, form</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● different senses ● how senses help us to connect to the world ● using senses to explore and learn 	<p>Central Idea: Observing our community helps us understand our own personal histories. <i>Personal histories</i></p> <p>Concept: change, causation, form</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● life then and now ● community observations ● reasons for historical changes 	<p>Central Idea: People communicate their perspectives through the arts. <i>our appreciation of the aesthetic</i></p> <p>Concept: Perspective, connection, reflection</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● creating written expression ● developing oral language skills ● appreciating art and musical expressions 	<p>Central Idea: Organisms grow and change in different ways <i>the interaction between the natural world (physical and biological) and human societies;</i></p> <p>Concept: form, connection, change</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> ● living and nonliving things ● interconnectedness of organisms ● habitats ● life cycles 	<p>Central Idea: Communities are successful when citizens follow shared rules and routines. <i>the structure and function of organizations</i></p> <p>Concept: responsibility, causation, reflection</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● Importance of following rules ● responsibility to our global community ● how roles change ● people have different roles in communities 	<p>Central Idea: People can make a positive change to the lives of others. <i>Peace and conflict resolution</i></p> <p>Concept: perspective, change, responsibility</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● ways to make a difference in the world ● Peace and conflict resolution ● what it means to be a hero
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1 s t G r a d e	<p>Central Idea: Beliefs influence the lives of individuals, families, and the community. .</p> <p><i>An inquiry into personal, physical, mental, social and spiritual health;</i></p> <p>Concept: causation, function, connection</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● Rights and responsibilities ● Democracy ● How governments affect people 	<p>Central Idea: Communities thrive around the world..</p> <p><i>An inquiry into orientation in place & time</i></p> <p>Concept: form, reflection</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● Local community ● Global community ● Evidence of successful communities 	<p>Central Idea: Humans have unique characteristics that support individuality.</p> <p><i>the ways in which we reflect upon, extend and enjoy our creativity; enables us to grow as individuals</i></p> <p>Concept: reflection, perspective</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● Character traits ● Acknowledging behaviors to grow ● Interpreting tone and body language 	<p>Central Idea: Humans analyze patterns to understand the world and beyond.</p> <p><i>how humans use their understanding of scientific principles</i></p> <p>Concept: function, form, change</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● Properties of light ● Predictable patterns ● Sun’s effect on earth 	<p>Central Idea: The choices people make affect their way of life.</p> <p><i>An inquiry into the interconnectedness of human-made systems and communities</i></p> <p>Concept: connection, function, responsibility</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● Compromising ● Cooperation ● relationships 	<p>Central Idea: Families interact with their environment both locally and globally.</p> <p><i>An inquiry into rights and responsibilities in the struggle to share finite resources with other people and with other living things;</i></p> <p>Concept: change, causation, responsibility</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● conservation of natural resources ● How humans use natural resources ● How organisms adapt to their environment
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2 d G r a d e	<p>Central Idea: Our beliefs and values influence our decision making.</p> <p><i>An inquiry into the nature of the self; beliefs and values;</i></p> <p>Concept: perspective, connection</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● beliefs and values ● perspectives on issues ● responsibilities of organizations ● consequences of decisions 	<p>Central Idea: Geography can affect the development of a community and the relationships between people.</p> <p><i>the relationships between & the interconnectedness of individuals & civilizations, from local & global perspectives.</i></p> <p>Concept: form, causation, change</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● geography of local and global communities ● influence of geography on the development of communities ● relationships between local and global communities 	<p>Central Idea: Communities reflect the perspectives of different cultures.</p> <p><i>An inquiry into the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values;</i></p> <p>Concept: causation, perspective, connection</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● cultural groups ● elements that make up culture ● contributions of different cultural groups 	<p>Central Idea: Humans use what they know about physical laws to interact with the world.</p> <p><i>the interaction between the natural world (physical and biological) and human societies</i></p> <p>Concept: connection, function, reflection</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● physical laws ● how humans use physical laws ● relationship between physical laws and the world 	<p>Central Idea: Marketplaces respond to the wants and needs of humans.</p> <p><i>economic activities and their impact on humankind and the environment.</i></p> <p>Concept: function, causation, responsibility</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● economy ● the roles of people in a marketplace ● economic activities and their impact ● supply and demand 	<p>Central Idea: Living organisms and their environments are interdependent.</p> <p><i>An inquiry into rights and responsibilities in the struggle to share finite resources with other people and with other living things;</i></p> <p>Concept: form, connection</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● classification and needs of organisms ● special features that help organisms survive in their habitat ● habitats and environments ● adaptations
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3 d G r a d e	<p>Central Idea: Conflict leads to changes in human relationships.</p> <p><i>human relationships including families, friends, communities, and cultures;</i></p> <p>Concept: connection, change, responsibility</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● causes of conflict ● how relationships change due to conflict ● conflict resolution 	<p>Central Idea: Our homes reflect the journeys of our ancestors</p> <p><i>Homes and journeys</i></p> <p>Concept: connection, perspective, reflection</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● Native american and european relationships ● Similarities and differences of individual beliefs ● The accomplishments of ancestors 	<p>Central Idea: Properties can be expressed through various forms.</p> <p><i>An inquiry into the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values;</i></p> <p>Concept: form,function</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● Human observation ● Behavior of energy ● Scientific properties 	<p>Central Idea: Society is affected by major developments in the world.</p> <p><i>An inquiry into the natural world and its laws</i></p> <p>Concept: causation, change</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● How events change the course of history ● Human growth impacts events ● Impact of one individual on the whole 	<p>Central Idea: Individual and group decision making can play a role in developing a new society.</p> <p><i>societal decision-making;</i></p> <p>Concept: causation perspective</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● perspectives of individuals ● Roles of leaders and citizens ● Causes of the American Revolution 	<p>Central Idea: Geographical patterns determine an organism’s ability to create a settlement.</p> <p><i>communities and the relationships within and between them;</i></p> <p>Concept: form, causation</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● geographic properties ● structure of natural resources on organisms ● impact of geography on organisms
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<p style="text-align: center;">4 h G r a d e</p>	<p>Central Idea: Humans are responsible for creating and maintaining systems.</p> <p><i>Rights and responsibilities</i></p> <p>Concept: function, responsibility</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● systems ● rights and responsibilities as citizens ● how do we keep systems from breaking down ● monitoring weather patterns 	<p>Central Idea: Discovery of the world and beyond begins through exploration.</p> <p><i>the discoveries, explorations & migrations of humankind;</i></p> <p>Concept: causation, change, form</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● exploration ● discovery of space and technology ● conflict in relation to discoveries 	<p>Central Idea: Heritage and histories are preserved through storytelling.</p> <p><i>An inquiry into the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values;</i></p> <p>Concept: causation, connection</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● interconnectedness of culture ● the ways personal heritage is related to culture ● the ways in which storytelling has helped us to understand our past 	<p>Central Idea: Humans develop and use scientific processes to navigate their world.</p> <p><i>how humans use their understanding of scientific principles</i></p> <p>Concept: change, reflection</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● technological enhancement ● navigation ● motivation 	<p>Central Idea: Organizations exist to support the beliefs of its people.</p> <p><i>the structure and function of organizations</i></p> <p>Concept: function, perspective</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● influence of beliefs and values on organizations ● social disobedience ● interactions between organizations and people ● roles in organizations 	<p>Central Idea: Bias can cause social and economic injustice and inequality.</p> <p><i>access to equal opportunities;</i></p> <p>Concept: perspective, responsibility</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● people’s initiative ending slavery ● injustice resulted in war ● prejudice affected equal opportunities
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5 h G r a d e	<p>Central Idea: Humans can have an impact on the problems within their community</p> <p><i>What it means to be human</i></p> <p>Concept: perspective responsibility</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● wellbeing of people ● how people construct knowledge ● welfare of people and communities 	<p>Central Idea: Unhealthy relationships can influence an environment.</p> <p><i>The relationships between & the interconnectedness of individuals & civilizations, from local & global perspectives</i></p> <p>Concept: connection, responsibility, perspective</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● interactions among different groups ● responsibilities of citizens in a global society ● prejudices form and grow ● human activities can affect environments in positive and negative ways 	<p>Central Idea: Expressing an opinion can generate self-awareness.</p> <p><i>An inquiry into the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values</i></p> <p>Concept: Form, perspective, Reflection</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● the features of persuasive writing ● what is bias and how does it affect everyone ● the importance of introspection 	<p>Central Idea: Scientific revelations can modify circumstances and society</p> <p><i>the impact of scientific and technological advances on society and the environment</i></p> <p>Concept: function, reflection</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● future technologies ● scientific advances on societies ● discoveries and inventions 	<p>Central Idea: Interdependence exists among living and nonliving things</p> <p><i>An inquiry into the interconnectedness of human-made systems and communities</i></p> <p>Concept: connection, causation, change</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● components of an environment ● relationships between living and nonliving components in an environment ● how past environments dictate decisions ● balance or imbalance in an environment 	<p>Central Idea: Conflicts often follow a predictable pattern and can have consequences for those involved.</p> <p><i>peace and conflict resolution.</i></p> <p>Concept: function, causation, change</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● role of an individual or group ● actions leading to consequences ● change is inevitable
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