

KCC-SE CHARTER
Program of Inquiry
Updated : Dec 2018 & February 2019

Age/Grade	Who we are	Where we are in place and time	How we express ourselves	How the world works	How we organize ourselves	Sharing the planet
VPK	In development	<p style="text-align: center;">My Family and My School</p> <p>Key Concepts: Form, Connection</p> <p>Central Idea: Families and communities are both influence by different cultures and points of view.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> ● What is a community ● What is a family ● How do we all come together 	In development	In development	In development	In development

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K	<p style="text-align: center;">Who we are</p> <p style="text-align: center;">All About Me and My World</p> <p>Key Concepts: Form, Change, Connection</p> <p>Central Idea: Everyone is unique and special.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● Physical characteristics ● Different Abilities ● How do we grow and change over time ● How do we fit in our school community <p>Artifact: All About Me Poster</p>	<p style="text-align: center;">Where we are in place and time</p> <p style="text-align: center;">Revised Jan 2019</p> <p>Key Concepts: Form, Function, Perspective</p> <p>Central Idea: People tell stories for different reasons</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> ● An inquiry into why people tell stories ● An inquiry into the structure of a story ● An inquiry into the different types of stories ● An inquiry into the ways we connect to text ● An inquiry into how morals impact decisions. <p>Artifact: Create your own story and presentation (puppet show, play, song, dance, etc.)</p>	<p style="text-align: center;">How we express ourselves</p> <p style="text-align: center;">Celebrations Around the World</p> <p>Key Concepts: Causation, Function, Connection</p> <p>Central Idea: People recognize important historical beliefs, values, and traditions through celebrations.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> ● The beliefs and values of individuals globally ● Expressions of beliefs and values of individual families ● Share the traditions of other cultures as well as our own <p>Artifact: Country Portfolio and Passport</p>	<p style="text-align: center;">How the world works</p> <p style="text-align: center;">Five Senses</p> <p>Key Concepts: Responsibility, Connection, Form</p> <p>Central Idea: We learn, explore, discover, and interpret our environment through our five senses.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> ● Exploration of the five senses ● Why do we need the five senses ● How do scientists use their senses <p>Artifact: Big Book of 5 Senses</p>	<p style="text-align: center;">How we organize ourselves</p> <p style="text-align: center;">Revised Jan 2019</p> <p>Key Concepts: Form, Function, Connection</p> <p>Central Idea: Patterns are prevalent in numerous ways through the structure of environment and societies.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> ● What key elements make up a pattern ● What patterns can be made out of our environment ● Where can we find patterns <p>Artifact: Digital Storybook</p>	<p style="text-align: center;">Sharing the planet</p> <p style="text-align: center;">Revised January 2019</p> <p>Key Concepts: Reflection, Causation, Responsibility</p> <p>Central Idea: Choices impact our planet.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> ● Reduce, reuse, recycle ● Personal choices ● family decisions ● Community impact <p>Artifact: T-shirt design (choose a problem in the world and come up with a solution via tshirt design)</p>
Gr. 1	<p style="text-align: center;">Who we are</p> <p style="text-align: center;">Take Action</p> <p>Key Concepts: Function, Reflection, responsibility</p> <p>Central Idea: Human actions can impact the world in many ways.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> ● The actions of one 	<p style="text-align: center;">Where we are in place and time</p> <p style="text-align: center;">3, 2, 1...Blast Off</p> <p>Key Concepts: Change, Connection</p> <p>Central Idea: Space travel has connected the world and stimulates exploration of new frontiers.</p> <p>Lines of Inquiry:</p>	<p style="text-align: center;">How we express ourselves</p> <p style="text-align: center;">Revision Feb 2019</p> <p>Key Concepts: Reflection, Perspective, Form</p> <p>Central Idea: Study of traditions through appreciation and aesthetics.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> ● Celebrations and 	<p style="text-align: center;">How the world works</p> <p style="text-align: center;">Revised Feb 2019</p> <p>Key Concepts: Causation, Change, Connection</p> <p>Central Idea: Change and the interrelationship in the world.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> ● Causes of change. 	<p style="text-align: center;">How we organize ourselves</p> <p style="text-align: center;">Life Connections</p> <p>Key Concepts: Form, Function, Connection</p> <p>Central Idea: Connections and organizations are essential characteristics of life.</p> <p>Lines of inquiry:</p>	<p style="text-align: center;">Sharing the planet</p> <p>Key Concepts: Responsibility, Causation, change</p> <p>Central Idea: Living organisms Survive in different ways..</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● The connection of organism ● The life cycle organisms

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	<p>can impact the lives of many</p> <ul style="list-style-type: none"> Human actions can affect others on a local and global scale. How we can take responsible actions. <p>Artifact: poster of conservation or a recycling project</p>	<ul style="list-style-type: none"> Our world is different because of space exploration. We have become more connected as a world because of space travel We see our world differently because of space travel. <p>Artifact: Poster of other space/exploration</p>	<p>traditions reflect the beliefs of families from different cultures.</p> <ul style="list-style-type: none"> Individual family traditions can be represented in many ways. Different cultures communicate traditions in unique ways. <p>Artifact: students make a poster of the different things they celebrate.</p>	<ul style="list-style-type: none"> The connection between technology and the world. The results of changes. <p>Artifact- Invention convention students create a new invention or try and make an old invention better or they can write about an inventor and why their inventions are important.</p>	<ul style="list-style-type: none"> The organization of family systems Relationships between communities and individuals One's place in global society <p>Artifact: Family Tree</p>	<ul style="list-style-type: none"> The characteristics of organisms. <p>Artifact: Students will complete a journaling flip chart based on key concepts applied to this unit. Students will research organisms and complete a flip chart specific to their chosen organism. Revised: 2/7/2019</p>
Gr. 2	<p style="text-align: center;">Who we are</p> <p>Pre-planend and revised for fall 19/20</p> <p>Key Concepts: Causation, Change, Perspective</p> <p>Central Idea: Exploration guides migration.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Exploration guides migration <p>Artifact: Create a poster or story on a group that migrates</p>	<p style="text-align: center;">Where we are in place and time</p> <p>Key Concepts: connections, function, reflection</p> <p>Central Idea: Interdependence enhances civilizations</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Past communities Systems and organizations developed by these communities. Evidence of them in our everyday lives. <p>Artifact: Trading for goods and services project.</p>	<p style="text-align: center;">How we express ourselves</p> <p>Poetry Around the World-</p> <p>Key Concepts: Form, Perspective, Function</p> <p>Central Idea: People all over the world use poetry to express feelings and thoughts.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Properties of poetry Poetry helps us to communicate Poetry is similar and different than other forms of writing <p>Artifact: Poetry mural. A display of the students' expression through art and poetry.</p>	<p style="text-align: center;">How the world work</p> <p>Key Concepts: Form, Change, Connection</p> <p>Central Idea: Investigation into Earth and its physical and biological aspects</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Extreme weather Characteristics/properties of physical features on Earth How physical features change <p>Artifact- Student Choice</p>	<p style="text-align: center;">How we organize ourselves</p> <p>Responsible Citizenship-</p> <p>Key Concepts: Causation, Responsibility, Change</p> <p>Central Idea: Citizens can make positive contributions to their communities in a variety of ways.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Why laws and rules are created in a community What responsible citizenship means in a community How are rights and responsibilities connected with citizenship What it means to be a global citizen <p>Artifact: Poster of a school or community with rules or laws written for the school/community. Students write what it would look like</p>	<p style="text-align: center;">Sharing the planet</p> <p>Revised Feb 2019</p> <p>Key Concepts: Causation, Change, Responsibility, Connection</p> <p>Central Idea: The actions of living things affect the planet.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Identify elements of habitats The effect of humans on the environment How can humans take responsibility for their actions. <p>Artifact: Cause and effect project</p>

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					without rules or laws.	
Gr.3	<p style="text-align: center;">Who we are</p> <p style="text-align: center;">The Birth of a Nation</p> <p>Key Concepts: Form, Function, Responsibility</p> <p>Central Idea: Structure and responsible relationships form a community.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> ● Beliefs and values of communities ● Structure of government ● Rights and responsibilities <p>Artifact: Students will be creating ten of their own amendments.</p>	<p style="text-align: center;">Where we are in place and time</p> <p style="text-align: center;">Charting our World</p> <p>Key Concepts: Function, Change, Perspective</p> <p>Central Idea: Civilizations have charted their explorations and the passing of time for millennia to help organize future journeys.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> ● The evolution of cartography ● Our perspective of time ● Use of documentation <p>Artifact: Students will pretend that they have discovered a new planet to inhabit. They will document the physical makeup of the planet by creating a map.</p> <ul style="list-style-type: none"> ● Students will be given a culture and have to do research and discuss how they can survive in a different area. 	<p style="text-align: center;">How we express ourselves</p> <p style="text-align: center;">Revised January 19</p> <p>Key Concepts: Function, Change, Perspective</p> <p>Central Idea: Civilizations have charted their explorations and the passing of time for millennia to help organize future journeys.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> ● The evolution of cartography ● Our perspective of time ● Use of documentation <p>Artifact: Students will pretend that they have discovered a new planet to inhabit. They will document the physical makeup of the planet by creating a map.</p> <ul style="list-style-type: none"> ● Students will be given a culture and have to do research and discuss how they can survive in a different area. 	<p style="text-align: center;">How the world works</p> <p style="text-align: center;">Revised January 19</p> <p>Key Concepts: Reflection, Perspective, and Function.</p> <p>Central Idea: The properties of light bring us the aesthetic of color.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> ● Properties of color and light ● Cultural meaning ● Appreciation of color <p>Artifact: Students will be creating a sand color jar.</p>	<p style="text-align: center;">How we organize ourselves</p> <p style="text-align: center;">Revised February 19</p> <p>Key Concepts: Connection, Causation, Function</p> <p>Central Idea: Individuals, companies, and nations exchange goods and services to satisfy/impact their needs and wants.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> ● Economic connections between countries ● Availability of resources affect choices ● Function of money <p>Artifact: Students will be creating a business plan.</p>	<p style="text-align: center;">Sharing the planet</p> <p style="text-align: center;">Generating, Using, and Conserving Energy</p> <p>Key Concepts: Form, Change, Responsibility</p> <p>Central Idea: Forms of energy can cause change and can be manipulated by people to meet our needs</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> ● Forms of energy ● Energy has the ability to cause change ● Human interaction with energy- <p>Artifact: Students will be creating an energy robot.</p>

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Gr. 4	<p style="text-align: center;">Who we are</p> <p style="text-align: center;">Revised Feb 2019</p> <p>Key Concepts: Connection, Reflection, Responsibility</p> <p>Central Idea: People's choices affect their well-being.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> ● Personal and physical health prevents sickness. ● A balanced mental health prevents stress. ● Social health promotes happiness. ● Personal choices have an impact on our environment. <p>Artifact: Health plan for improvement</p>	<p style="text-align: center;">Where we are in place and time</p> <p>Revised Jan 2019</p> <p>*tentative revision slated for fall 2019</p> <p>Key Concepts: Causation, Connection, Change</p> <p>Central Idea: Migration of people impacts the geographical makeup of the land and causes depletion of our natural resources.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> ● Migration causes changes to the Earth's landscape ● Migration causes depletion of natural resources. ● How does migration affect settlement. <p>Artifact: Create a new planet</p>	<p style="text-align: center;">How we express ourselves</p> <p style="text-align: center;">Sound Musical Expression</p> <p>Key Concepts: Change, Function, Form</p> <p>Central Idea: Music is ordered sound and is used as a method of self-expression throughout all cultures.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> ● The elements of music ● Music changes throughout history ● Variations of music <p>Artifact: Adding lyrics to an existing song</p>	<p style="text-align: center;">How the world works</p> <p style="text-align: center;">Technology Then, Now and in the Future</p> <p>Key Concepts: Change, Causation, Perspective</p> <p>Central Idea: Past civilizations shape present day systems and technologies.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> ● Aspects of past civilizations that have survived. ● Reasons these systems and technologies developed ● Why modern societies continue to use adaptations of these systems and technologies ● Implications of the future <p>Artifact: New Technology Blueprint</p>	<p style="text-align: center;">How we organize ourselves</p> <p style="text-align: center;">The Scientific Method</p> <p>Key Concepts: Function, Reflection, Causation</p> <p>Central Idea: Making observations and drawing conclusions allows us to explore and understand the physical world.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> ● How the scientific method helps us learn about the physical world ● Communication of findings and discoveries is key to expanding mankind. ● How precision effects the results <p>Artifact: Bottle Experiment</p>	<p style="text-align: center;">Sharing the planet</p> <p style="text-align: center;">Continuing Life on Earth</p> <p>Key Concepts: Change, Connection, Form</p> <p>Central Idea: Variables on Earth contribute to the continuation of the species.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> ● Reproduction as part of a life cycle ● Inherited and acquired traits ● Communities of organisms <p>Artifact: Animal Habitat Diorama</p>
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Gr. 5	<p style="text-align: center;">Who we are</p> <p>Revised Feb 2019</p> <p>Key Concepts: Causation, Responsibility, Change</p> <p>Central Idea: Government systems determine our rights and responsibilities.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • How the governmental system in America came to be • The rights of individuals in America • The ways that governmental systems impact individual rights • Individual responsibility as citizens of a nation. <p>Artifact: Presentation PowerPoint or poster (pictures of this artifact)</p>	<p style="text-align: center;">Where we are in place and time</p> <p style="text-align: center;">Native Cultures</p> <p>Key Concepts: Connection, Perspective, Change</p> <p>Central Idea: Conflict lead to change.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • The different Native groups living in the Americas before 1600 • The conflicts between Native groups and their impacts on their culture • The introduction of European settlement to the Americas. • The change the European settlement brought to Native groups. <p>Artifact: Native American presentation poster boards or PowerPoint (pictures of this artifact)</p>	<p style="text-align: center;">How we express ourselves-</p> <p style="text-align: center;">Edited Feb 2019</p> <p>**Revision slated for 19/20 fall**</p> <p>Key Concepts: Form, Perspective, Responsibility</p> <p>Central Idea: People use effective words to influence society.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Influences that shape a speakers words • The intended and/or perceived meaning of a speech • Effective presentation skills in both spoken and written language <p>Artifact: Presentation Presentation poster (pictures of this artifact)</p>	<p style="text-align: center;">How the world works</p> <p style="text-align: center;">Systems and Patterns</p> <p>Key Concepts: Form, Function, Connection</p> <p>Central Idea: We use processes to investigate systems and patterns to solve problems.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Major systems that make up our Earth's weather • The planets and how they work as part of our solar system • The differences between types of scientific investigation • How to properly conduct and experiment <p>Artifact: Solar system project (pictures of this artifact) and water cycle experiment chart/reflection</p>	<p style="text-align: center;">How we organize ourselves</p> <p>Revised Feb 2019</p> <p>Key Concepts: Causation, Responsibility, Function</p> <p>Central Idea: Trade and commerce are driving factors behind societal growth and development.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • How financial systems develop and function • How to be responsible with finance • The importance of citizenship to community operation <p>Artifact: Reflection sheet</p>	<p style="text-align: center;">Sharing the planet</p> <p style="text-align: center;">Exhibition</p> <p>Revised Feb 2019</p> <p>Central Idea: Student Led Central Idea</p> <p>Students will create their own unit of inquiry with Professor assistance. They will present their understandings as part of a culminating project.</p> <p>Artifact: Student Choice</p>
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