

Programme of Inquiry

Boyd 6-5-09

	<u>Who We Are</u> An inquiry into the nature of self; of 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.	<u>Where We Are In Place and Time</u> An inquiry into orientation in place and time; personal histories; homes and journeys; the discoveries, explorations and migrations of humankind; the relationships between & the interconnectedness of individuals and civilizations, from local and global perspectives.	<u>How We Express Ourselves</u> 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.	<u>How The World Works</u> 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 & on the environment.	<u>How We Organize Ourselves</u> 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.	<u>Sharing The Planet</u> 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.
KINDERGARTEN	<u>All in the Family</u> Central idea: All families are unique. Key concept: Connection, Responsibility Related concept: Relationships Lines of inquiry: - similarities and differences in families - roles and responsibilities - ways generations connect with each other - celebrations in families Oct 13-Nov 7 2	<u>Home Sweet Home</u> Central idea: People have a universal need for shelter. Key concepts: Form, Function Related concepts: Measurement, Map Skills, Geometry, Climate Lines of inquiry: - reasons people require shelter - styles and types of shelters around the world - planning and building a shelter Nov 17-Dec 19 3	<u>Once Upon A Time</u> Central idea: People express themselves through story telling. Key concepts: Connection, Perspective Related concepts: Communication Lines of inquiry: - different forms of storytelling - reasons people tell stories - comparisons & contrasts of story versions Sept 8-Oct 7 1	<u>Move It!</u> Central idea: Forces are all around us and affect our lives. Key concepts: Function, Reflection, Causation Related concepts: Force, Movement Lines of inquiry: - things that move - the effect of different forces - the impact of movement on our lives Jan 12-Feb 6 4	<u>All For One</u> Central idea: Communities are formed by people who depend on each other. Key concepts: Responsibility, Perspective Related concepts: Community, Relationships Lines of inquiry: - belonging to a community - groups of people that work together - people's actions that affect the community - people's responsibility to their community Feb 23-Mar 20 5	<u>Stavin' Alive</u> Central idea: Personal choices impact living things and the environment Key concepts: Change, Responsibility Related concepts: Conservation, Resources Lines of inquiry: - needs of living things - personal choices that affect the environment and living things - programs, organizations and businesses that impact living things and their environment - ways to use natural resources to protect habitats of living things April 6-May 1 6
	<u>Heroes – Behind the Mask</u> Central idea: Everyone has the opportunity to be a hero. Key concepts: Responsibility, Perspective, Reflection Related concepts: Roles, Citizenship Lines of inquiry: - an individual's responsibility to know rules and respond to them - the influence of choices on values and beliefs - characteristics of influential people Aug 25-Sept 26 1	<u>Show Me the Way</u> Central idea: Maps guide understanding. Key concepts: Form, Function, Perspective Related concepts: Locality, Geography Lines of inquiry: - types of maps - navigating our world - reading a variety of maps and identifying map keys - our personal connection with maps - cartography Sept 29-Oct 24 2	<u>A Picture's worth.....</u> Central idea: Text and illustrations capture imagination. Key concepts: Form, Function, Connection, Perspective Related concepts: Self-expression, Language Comprehension Lines of inquiry: - illustrators and children's literature - the artistic process, ideas and medium - illustrations and how they enhance understanding Jan 5-Feb 13 4	<u>Can It Rain Cats and Dogs?</u> Central idea: Weather influences everyday life. Key concepts: Change, Causation, Responsibility Related concepts: Patterns, Objects in Space, Technology Lines of inquiry: - components of weather - patterns of weather - effects and response to weather Nov 3-Dec 19 3	<u>Does Money Grow on Trees?</u> Central idea: Families meet needs and wants in different ways.. Key concepts: Function, Responsibility, Causation Related concepts: Currency, Systems Lines of inquiry: - ways individuals earn currency - how people save & spend currency - different systems of exchange around the world - technology and safety of currency Feb 23-Mar 20 5	<u>It's Alive!</u> Central idea: Animals depend on their characteristics. Key concepts: Form, Function, Change Related concepts: Features, Lifecycles Lines of inquiry: - characteristics of organisms - behaviors of organisms - lifecycles of organisms April 6-May 15 6
1st GRADE	<u>Healthy and Happy!</u> Central idea: Lifestyle affects the functions of the human body. Key concepts: Function, Causation, Responsibility Related concepts: Consequences Lines of inquiry: - systems of the human body - differences of body systems - personal health that leads to a healthy lifestyle Jan 5-Feb 16 4	<u>There Is No Place Like Home!</u> Central idea: Throughout the world landmarks represent people, places, ideas, and historical events. Key concepts: Form, Connection, Responsibility Related concepts: Maps, Geography, Landscapes Lines of inquiry: - reasons landmarks are important - differences and similarities between landmarks - ways landmarks are linked to stories, events and ideas Nov 17- Dec 19 3	<u>Celebrations</u> Central idea: People establish celebrations connected to shared beliefs and values. Key concepts: Change, Connection, Perspective Related concepts: Sequence, Timelines, Calendars Lines of inquiry: - different types of celebrations - how celebrations change over time - people celebrate for different reasons Aug 25-Sept 19 1	<u>It Matters</u> Central idea: Physical and chemical changes in matter impact our world. Key concepts: Form, Change, Causation Related concepts: Structure, Properties, Energy Lines of inquiry: - states of matter & how they change - physical and chemical properties of matter - as matter changes, it impacts our world April 27-May 27 6	<u>Food! Glorious Food!</u> Central idea: Food connects people throughout the world. Key concepts: Function, Connection, Causation, Reflection Related Concepts: Systems, Interdependence Lines of inquiry: - how systems help us organize - ways people connect through food distribution systems - the impact of food distribution on communities Feb 23-Apr 5 5	<u>Going Buggy</u> Central idea: Insects play an important role on the earth. Key concepts: Function, Connection, Perspective Related concepts: Relationships, Interdependence, Behaviors Lines of inquiry: - characteristics of insects - ways insects organize themselves - uniqueness of insects - why we need insects Sept 29-Nov 7 2
	<u>You've Got a Friend in Me</u> Central idea: Personal relationships connect us to each other. Key concepts: Reflection, Connection, Perspective Related concepts: Interdependence, Family, Sustainability Lines of inquiry: - types of relationships - reasons for establishing personal relationships - ways to make and keep Relationships Sept 2-Sept 19 1	<u>Around the World in 30 Days!</u> Central idea: Geography shapes human settlements. Key concepts: Connection, Causation Related concepts: Settlements, Geography Lines of inquiry: - where we are in the world - the descriptions of geographical features - reasons for settlements - causes of growth/decline in a settlement Jan 5-Feb 13 4	<u>A Mirror of the Soul</u> Central idea: People communicate through poetry. Key concepts: Form, Function, Perspective Related concepts: Communication Expression, Inspiration Lines of inquiry: - purposes of poetry - characteristics of poetry - ways to express poetry Nov 3-Dec 23 3	<u>Earth Rocks!</u> Central idea: The earth's surface constantly changes. Key concepts: Function, Change, Causation Related concepts: Cycles Lines of inquiry: - properties of the earth's surface - agents of change - earth's cycles Sept 22-Oct 31 2	<u>Whistle While You Work</u> Central idea: Using resources, people produce a good or a service to satisfy supply and demand. Key concepts: Reflection, Responsibility Related concepts: Economics, Production, Employment Lines of inquiry: - resources in a workplace - organization of production - effects of production Feb 17-Mar 20 5	<u>I'm a Survivor!</u> Central idea: Interactions of organisms impact survival. Key concepts: Change, Connection, Responsibility Related concepts: Balance, Interdependence Lines of inquiry: - adaptations for survival - organisms' relationships - maintaining balance in biomes April 13-May 22 6
2nd GRADE	<u>What Gives You the Right?</u> Central idea: Rules and laws establish order. Key concepts: Perspective, Responsibility Related concepts: Government, Legislation, Citizenship Lines of inquiry: - differences between rules and laws - the effect of rules and laws on order - the rights of children Oct 6 – Nov 14 2	<u>Culture Shock!</u> Central idea: Immigration influences human societies. Key concepts: Causation, Connection Related concepts: Diversity, Culture, Freedom Lines of inquiry: - challenges immigrants face - immigration/migration and its impact on a community - historical events that influence immigration patterns Jan 5 – Feb 13 4	<u>Unique Me</u> Central idea: The arts unify individuals and convey uniqueness. Key concepts: Reflection, Perspective Related concepts: Expression, Art History, Art Appreciation Lines of inquiry: - the process artist use to create - perceptions & interpretations of art - the role of art in culture & society Feb 16 - April 3 5	<u>You Light Up My Life!</u> Central idea: Mysteries of space are revealed through advances in technology. Key concepts: Form, Function Related concepts: Gravity, Atmosphere, Space Lines of inquiry: - similarities and differences between solar system bodies - the planets' relationships to their star and to one another. - possibilities of life on other celestial bodies - the use of space technology and its impact on our daily lives April 13 – May 22 6	<u>Transformers: More Than Meets the Eye</u> Central idea: Energy sustains life. Key concepts: Function, Change Related concepts: Renewable/non-renewable resources, Energy Sources, Power Transformation Lines of inquiry: - forms of energy (chemical, light, mechanical, electrical) - transformation of energy from one form to another - impacts of energy use on communities Aug 27 – Oct 3 1	<u>The World's Water Cooler</u> Central idea: Water connects all earth systems. Key concepts: Connection, Responsibility Related concepts: Conservation, Weather, Purification Lines of inquiry: - movement of water over the earth's surface - wastewater management - connection between communities and water Nov 17-Dec 23 3
	<u>Let's Negotiate!</u> Central idea: Differing perspectives create opportunities for communication. Key concepts: Causation, Perspective, Reflection Related concepts: Cultures Lines of inquiry: - causes of different perspectives - ways to resolve differences - historical events involving different perspectives - current local, national, & global conflicts Dec 1-Jan 23 3	<u>Adios Amigos</u> Central idea: Exploration invites discovery, knowledge and change. Key concepts: Causation, Change, Connection Related concepts: Consequences Lines of inquiry: - reasons for exploration - effects of technology on exploration - consequences of exploration and discovery Sept 2-Oct 10 1	<u>A Kodak Moment</u> Central idea: Photographic documentation stimulates inquiry and reflection. Key concepts: Reflection, Perspective, Change Related concepts: Non-verbal Communication, Aesthetics Lines of inquiry: - purposes of photography - impact of photographic documentation - effects of technology on photography - technical aspects of photography April 13-May 22 6	<u>Something Old, Something New</u> Central idea: Problems, curiosity and wants nurture inventions. Key concepts: Form, Function, Change Related concepts: Adaptations, Structures Lines of inquiry: - form and function of machines - Laws of Motion - process of inventing - consequences of inventions Oct 13-Nov 25 2	<u>Help Is On the Way!</u> Central idea: Beliefs, values and needs launch nurture organizations. Key concepts: Form, Function, Connection Related concepts: Values, Needs Lines of inquiry: - physical, social and emotional needs - human values - structure and function of organizations - global interconnectedness March 9-April 10 5	<u>It Is Easy Being Green!</u> Central idea: Environmental concerns foster conservation possibilities. Key concepts: Responsibility Change, Connection Related concepts: Conflict, Interdependence Lines of inquiry: - renewable and non-renewable resources - uses of resources world wide - dependency on plants - human responsibility toward conservation Jan 26-March 6 4
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