

Francisca Alvarez Elementary: Programme of Inquiry 2017-2018

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
PK 4 – 5	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 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 the 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.
PK 4 – 5	<p>1st Nine Weeks</p> <p>Central Idea: My role affects my family.</p> <p>Key Concepts: Responsibility Form Connection</p> <p>Related Concepts: role, responsibility, family system</p> <p>Lines of inquiry -Life cycles of humans -The members and responsibilities of families and self -Family characteristics</p>		<p>3rd Nine Weeks</p> <p>Central Idea Imagination and creativity shape our world.</p> <p>Key Concepts: Connection Perspective Reflection</p> <p>Related Concepts: tools, creativity, imagination</p> <p>Lines of inquiry -Expression through creation -Imagination leads to innovation -Tools help us create</p>	<p>4th Nine Weeks</p> <p>Central Idea Cycles exhibit change.</p> <p>Key Concepts: Function Causation Change</p> <p>Related Concepts: life cycles, growth, patterns</p> <p>Lines of inquiry -Cycles cause change -Patterns in the natural world -Affects of cycles in the world</p>		<p>2nd Nine Weeks</p> <p>Central Idea Living things grow and change all around us.</p> <p>Key Concepts: Causation Form Change</p> <p>Related Concept: habitats, organisms, classification</p> <p>Lines of inquiry - Animal homes and habitats - Animals' characteristics - Changes of living things</p>

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Kinder 5 – 6	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 the 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 the 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.
Kinder 5 – 6	<p>5th Six Weeks</p> <p>Central Idea Jobs provide goods and services for the community.</p> <p>Key concepts: Function Responsibility Causation</p> <p>Related concepts: needs, work, choices, values</p> <p>Lines of inquiry - Basic needs are met in different ways -People trade to get goods and services -Basic human needs</p>		<p>3rd Six Weeks</p> <p>Central Idea Cultures can be expressed through celebrations.</p> <p>Key concepts: Form Perspective Reflection</p> <p>Related concepts: celebrations, holidays, customs</p> <p>Lines of inquiry -Discovering similarities and differences between cultures - Personal customs and how it affects one's life -How celebrations and customs define us</p>	<p>2nd Six Weeks</p> <p>Central Idea Force, motion, and energy affect our world.</p> <p>Key concepts: Function Change Form</p> <p>Related concepts: Energy, properties, change</p> <p>Lines of inquiry -The exploration of sources of force -Characteristics of motion, movement, and location -Discovering how different kinds of energy work</p>	<p>1st Six Weeks</p> <p>Central Idea My actions impact self and community.</p> <p>Key concepts: Form Responsibility Causation</p> <p>Related concepts: Rules, order, safety</p> <p>Lines of inquiry -Actions that keep ourselves and others safe -The significance of safety and order -The importance of following rules</p>	<p>6th Six Weeks</p> <p>Central Idea The choices people make affect the environment.</p> <p>Key concepts: Form Connection Responsibility</p> <p>Related concepts: Problem solving, physical characteristics, location</p> <p>Lines of inquiry -Problems in the community affect the environment -How communities work together to solve problems -Different kinds of environments/spaces</p>

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1 st Grade 6 – 7	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 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 the 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.
1 st Grade 6 – 7	1st Six Weeks Central Idea An individual's responsibilities impact the community. Key concepts: Responsibility Reflection Change Related concepts: Impact, contributions, citizenship Lines of inquiry -Characteristics of different communities -Responsibilities of a citizen -One individual's contributions may change a society	6th Six Weeks Central Idea Physical characteristics and civilizations extend an understanding of the world. Key concepts: Form Connection Change Related concepts: Landforms, physical characteristics, cardinal directions Lines of inquiry -Civilizations around the world throughout the evolution of time -Civilizations in different geographic areas -Physical characteristics of civilizations	2nd Six Weeks Central Idea Customs and traditions express shared beliefs and values. Key concepts: Responsibility Connection Perspective Related concepts: Truthfulness, respect, justice, equality Lines of inquiry -Good citizens display common characteristics that reflect beliefs/values of a community -The importance of various beliefs, customs, and traditions of families and communities -Folktales, legends reflect beliefs, customs, and traditions	4th Six Weeks Central Idea Understanding the natural world impacts human behavior. Key concepts: Causation Change Responsibility Related concepts: Precipitation, temperature, wind speed, clouds Lines of inquiry -The properties and patterns of weather -The patterns of weather and how they change -Weather influences human behavior	5th Six Weeks Central Idea Goods and services assist in meeting basic needs. Key concepts: Function Form Connection Related concepts: Goods, services, systems Lines of inquiry -The importance of goods and services in a community -Meeting family and community needs through systems -Similarities and differences in ways familiar meet basic needs	3rd Six Weeks Central Idea Communities take responsibility for conservation of resources. Key concepts: Responsibility Causation Function Related concepts: Soil, natural resource (water), useful, conserve, reuse Lines of inquiry -Natural world includes soil, water, and rocks -Conservation of natural resources -Our community environment

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2 nd Grade 7 – 8	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 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.
2 nd Grade 7 – 8	1st Six Weeks Central Idea People’s identities influence the community. Key concepts: Responsibility Causation Change Related concepts: citizenship, values, beliefs Lines of inquiry -People’s Identities and roles -Individuals who exemplify citizenship and their personal values -Citizen’s values and beliefs affect the community	2nd Six Weeks Central Idea Communities transform our way of living. Key concepts: Causation Connection Reflection Related concepts: chronology, location, settlement, community, lifestyle Lines of inquiry -Similarities and differences between urban, suburban, and rural communities -People choose where to live for different reasons -Communities change over time, changing our lifestyles	6th Six Weeks Central Idea People use different forms of expression. Key concepts: Perspective Form Responsibility Related concepts: expression, creativity, self-expression, culture, celebration Lines of inquiry -People’s express themselves in different ways -Humans express themselves depending on their perspectives -Individual expression creates unique communities	4th Six Weeks Central Idea Science and technology change our world. Key concepts: Function Connection Change Related concepts: technology, change, problem, inventive Lines of inquiry -Inventors/innovators of the past and present -Technology enhances our world -Innovations change our world.	5th Six Weeks Central Idea Systems are put in place to maintain order. Key concepts: Function Connection Form Related concepts: government, leader, elect, appoint, vote, organization, measurement Lines of inquiry -Different kinds of systems -Structures affect their function -Decisions determine how a system works	3rd Six Weeks Central Idea Resources connect the living and non-living worlds. Key concepts: Causation Responsibility Reflection Related concepts: scarcity, resources, sustainability, conservation Lines of inquiry -Man-made and natural resources -Choices that are influenced by resources -Personal choices that affect environments

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3 rd Grade 8 – 9	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 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.
3 rd Grade 8 – 9	4th Six Weeks Central Idea People's values and beliefs shape the roles and responsibilities of citizens. Key concepts: Function Connection Responsibility Related concepts: Citizenship, contribution, civic responsibilities Lines of inquiry -Individual acts of civic responsibility shape communities -Individuals may influence current or future societies -The characteristics and functions of community	2nd Six Weeks Central Idea Conditions influence decisions and actions. Key concepts: Change Causation Responsibility Related concepts: Contributions, migration, needs, human characteristics Lines of inquiry -Environmental conditions can influence decisions and actions -Factors influence exploration and migration -The needs of a community	3rd Six Weeks Central Idea Communities express themselves through the arts. Key concepts: Perspective Reflection Connection Related concepts: The arts, communication, cultural heritage, significance Lines of inquiry -The impacts of writers and artists to cultural heritage -The connections between culture and creativity -Appreciation and expression of creativity	1st Six Weeks Central Idea Properties can develop an understanding of the world. Key concepts: Change Causation Form Related concepts: Matter, physical properties, tools, states of matter, Lines of inquiry -The properties of matter -Ways we classify matter -Tools used to examine and classify properties -Matter all around us	5th Six Weeks Central Idea Systems are created to maintain organization and structure. Key concepts: Causation Function Form Related concepts: Systems, economics, choices Lines of inquiry -Different kinds of systems and their structures -How systems function -How systems organize communities	6th Six Weeks Central Idea Environmental changes impact the balance in nature. Key concepts: Change Causation Connection Related concepts: Ecosystems, organisms, adaptations, cycles, changes Lines of inquiry -Connections between habitats within a variety of ecosystems -Effects of changes in an environment/ecosystem -Adaptation changes determine the survival of organisms

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4 th Grade 9 – 10	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 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 the 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.
4 th Grade 9 – 10	<p>4th 6 Weeks</p> <p>Central Idea Beliefs, behaviors and values may influence human relationships.</p> <p>Key concepts: Causation Function Perspective</p> <p>Related concepts: slavery, reconstruction, personal beliefs</p> <p>Lines of inquiry -Beliefs, values, and perspectives affect relationships -The impact of war and reconstruction -The pros and cons of war</p>	<p>2nd 6 Weeks</p> <p>Central Idea Factors affect movement over time.</p> <p>Key concepts: Causation Change Function</p> <p>Related concepts: Exploration, settlement, migration</p> <p>Lines of inquiry -Motivation that drives exploration and settlement -Forces that influence colonization -Causes and effects of migration</p>	<p>5th 6 Weeks</p> <p>Central Idea Writing techniques influence behaviors.</p> <p>Key concepts: Connection Perspective Reflection</p> <p>Related concepts: persuasive techniques, advertisement, and networking</p> <p>Lines of inquiry -The roles of author's techniques and advertisements -Images, text, and music influence behaviors and target audiences -How people respond to messages</p>	<p>1st 6 Weeks</p> <p>Central Idea Changes in properties have an impact on how objects are used.</p> <p>Key concepts: Form Causation Change</p> <p>Related concepts: properties of matter, mixtures and solutions</p> <p>Lines of inquiry -Investigating matter -Changes in matter -Properties of mixtures and solutions</p>	<p>3rd 6 Weeks</p> <p>Central Idea Some changes may cause conflict of peace.</p> <p>Key concepts: Form Change Reflection</p> <p>Related concepts: conservation, revolution, leadership</p> <p>Lines of inquiry -Some changes lead to conflict -Resolution leads to peace -The process of forming governments</p>	<p>6th 6 Weeks</p> <p>Central Idea Living things adapt and modify to their environments.</p> <p>Key concepts: Function Connection Responsibility</p> <p>Related concepts: scientific inquiry, organization of idea, choice, leadership</p> <p>Lines of inquiry -Adaptations for survival -Effects of life cycles on survival -Consequences of adapting and modifying environments</p>

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5 th Grade 10 – 11	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 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 the 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.
5 th Grade 10 – 11	3rd Six Weeks Central Idea Leaders can help change a nation. Key concepts: Function Connection Responsibility Related concepts: diversity, rights, citizenship, relationships, expansion Lines of inquiry -The need for the creation for a new system of government -The function and structures of government have responsibilities -Human interests lead to territorial expansion	1st Six Weeks Central Idea Exploration can lead to settlements. Key concepts: Change Perspective Causation Related concepts: exploration, colonization, geography, settlement Lines of inquiry • Geography and resources impact how you live. • Humans are driven to explore. • Influential leaders shape societies.	2nd Six Weeks Central Idea The expression of ideas and values may lead to change. Key concepts: Reflection Change Perspective Related concepts: Beliefs, perspective, conflict Lines of inquiry -Factors influence cultural change -Identifying with personal beliefs -Different perspectives lead to conflict	4th Six Weeks Central Idea Patterns in the natural world can influence systems. Key concepts: Causation Function Connection Related concepts: Patterns, systems, forecast, climate Lines of inquiry -Relationships of the sun, earth and moon systems -How weather patterns influence systems -The effects of patterns of interactions in ecosystems	6th Six Weeks Central Idea Human influences can lead to consequences. Key concepts: Function Form Connection Related concepts: Innovation, industrialization, economic development Lines of inquiry -Factors that lead to global conflict -Rebuilding and restructuring after war -How scientific discoveries and technological innovation impact society and its economy	5th Six Weeks Central Idea Organisms may be impacted by environmental changes. Key concepts: Responsibility Connection Form Related concepts: ecosystems, cycles, interdependence Lines of inquiry -The interdependency of living and non-living things within an ecosystem -How organisms adapt to survive -How the environment is responsible for the continuation of cycles

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