

Quail Run Elementary Program of Inquiry

	Who we are 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.	Where we are in place and time An inquiry into orientation in place and time; personal histories; homes and journeys ; the discoveries, exploration and migrations of humankind; the relationships between and the interconnectedness of individuals and civilizations, from local and global perspectives.	How we express ourselves 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.	Who the world works 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.	How we organize ourselves 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.	Sharing the planet 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	<p><u>Central idea:</u> People's attributes are diverse</p> <p><u>Key concepts:</u> Perspective Form Change</p> <p><u>Related concepts:</u> diversity attributes Behavior</p> <p><u>Lines of inquiry:</u> -people have physical traits -people use their senses -people express feelings</p>	<p><u>Central idea:</u> Exploration creates opportunities for change</p> <p><u>Key concepts:</u> Causation Change Form</p> <p><u>Related concepts:</u> Transportation Discovery Exploration</p> <p><u>Lines of inquiry:</u> Types of journeys Decisions regarding journeys Opportunities for experiences</p>	<p><u>Central idea:</u> Children discover language through expression</p> <p><u>Key concepts:</u> Form Function Perspective</p> <p><u>Related concepts:</u> Expression Written and oral language Presenting</p> <p><u>Lines of inquiry:</u> Patterns in language Repetition in language Types of expression</p>	<p><u>Central idea:</u> Tree resources affect daily lives</p> <p><u>Key Concepts:</u> Function Change Connection</p> <p><u>Related Concepts:</u> Trees as a resource Sustainability Properties and uses of trees</p> <p><u>Lines of inquiry:</u> Properties of trees Consuming resources Uses of trees</p>	<p><u>Central idea:</u> Exploring roles in a school community</p> <p><u>Key concepts:</u> Responsibility Connection Function</p> <p><u>Related concepts:</u> School communities Roles Systems Interdependence</p> <p><u>Lines of Inquiry:</u> Knowledge about your school community Working together to make a school community School communities around the world</p>	<p><u>Central idea:</u> Communicate to solve conflict</p> <p><u>Key concepts:</u> Causation Perspective Responsibility</p> <p><u>Related concepts:</u> Communication Conflict Friendship</p> <p><u>Lines of inquiry:</u> Exploring conflict resolution Making and keeping friends Communicating with others</p>

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First grade	<p>Central idea: Human relationships impact others</p> <p>Key concepts: Connection Function Causation</p> <p>Related concepts: Rights Roles Citizenship</p> <p>Lines of inquiry: -societies around the world make decisions in different ways -rules for children/adults, home, school, and play around the world -forming a positive community -getting to know the people in our community</p>	<p>Central idea: Civilizations change over time</p> <p>Key concepts: Form Function Change</p> <p>Related concepts: Settlements Migration Sustainability Civilizations</p> <p>Lines of inquiry: -farming and herding -settlement led to development of civilizations -contributions of earlier civilizations</p>	<p>Central idea: Cultures express their traditions in various ways</p> <p>Key concepts: Connection Perspective</p> <p>Related concepts: Family Traditions Expressions Culture</p> <p>Lines of inquiry: -relationship of earlier generations to future generations -contributions of people lead to different cultural celebrations -expression of values and traditions through literature, art, music, culture and architecture</p>	<p>Central idea: Earth materials are used in the natural world</p> <p>Key Concepts: Function Change Form</p> <p>Related Concepts: Geology Solids Properties and uses of materials</p> <p>Lines of inquiry: -physical properties of pebbles, sand and silt -similarities and differences in earth materials around the world -exploring earth materials</p>	<p>Central idea: Communities establish structure</p> <p>Key concepts: Form Change Connection</p> <p>Related concepts: Communities Regions Civilizations</p> <p>Lines of Inquiry: -human features of maps and globes -key roles and people in a neighborhood -communities vary around the world -construction communities</p>	<p>Central idea: Humans conserve resources differently</p> <p>Key concepts: Causation Responsibility</p> <p>Related concepts: Conservation Renewable and nonrenewable resources Pollution</p> <p>Lines of inquiry: -limited resources on Earth -renewable, recyclable and nonrenewable resources -importance to the world: recycling and conservation</p>

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Second grade	<p><u>Central idea:</u> Symbols represent history and culture</p> <p><u>Key concepts:</u> Connection Function Change</p> <p><u>Related concepts:</u> History Symbols Culture</p> <p><u>Lines of inquiry:</u> -importance of symbols to a culture -people/events that inspire symbols -history related to symbols</p>	<p><u>Central idea:</u> Geography affects humans</p> <p><u>Key concepts:</u> Connection Perspective Form</p> <p><u>Related concepts:</u> Geography Landscape Adaptation</p> <p><u>Lines of inquiry:</u> -exploring geography -exploring continents -homes for animals and people</p>	<p><u>Central idea:</u> Folktales express characteristics of culture</p> <p><u>Key concepts:</u> Connection Perspective</p> <p><u>Related concepts:</u> Folktales Conflict Culture</p> <p><u>Lines of inquiry:</u> -reasons for folktales -lessons learned from folktales -folktales from around the world</p>	<p><u>Central idea:</u> Inventions and innovations impact life</p> <p><u>Key Concepts:</u> Change Causation Form</p> <p><u>Related Concepts:</u> Innovation Impact Improvement</p> <p><u>Lines of inquiry:</u> -scientific and technological advances around the world -world-wide contributions of inventors -impact of change</p>	<p><u>Central idea:</u> Economics forces adaptations of needs</p> <p><u>Key concepts:</u> Causation Connection Form</p> <p><u>Related concepts:</u> Resources Economics Adaptation</p> <p><u>Lines of Inquiry:</u> -goods and services around the world -needs and wants vary around the world -economics determine goods and services</p>	<p><u>Central idea:</u> Living things grow and adapt</p> <p><u>Key concepts:</u> Connection Chance Form</p> <p><u>Related concepts:</u> Adaptation Growth Cycles</p> <p><u>Lines of inquiry:</u> -all living things are interconnected -parts of living things have a purpose -life cycles of living things</p>

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Third grade	<p><u>Central idea:</u> Traditions and customs affect human relationships</p> <p><u>Key concepts:</u> Perspective Connection</p> <p><u>Related concepts:</u> Beliefs Relationships Impact</p> <p><u>Lines of inquiry:</u> -exploring personal ancestry -cultures share customs and traditions -traditions/customs unit people</p>	<p><u>Central idea:</u> Innovations of ancient civilizations impact our world today</p> <p><u>Key concepts:</u> Causation Connection Form</p> <p><u>Related concepts:</u> innovations Relationships Civilizations</p> <p><u>Lines of inquiry:</u> -significant past events and experiences -contributions of ancient civilizations Connections between past civilizations and present time</p>	<p><u>Central idea:</u> People use a variety of written structures to express themselves</p> <p><u>Key concepts:</u> Form Function Perspective</p> <p><u>Related concepts:</u> Structure Communication Expression</p> <p><u>Lines of inquiry:</u> -types of written forms of expression -ways to communicate for different purposes -power of persuasion</p>	<p><u>Central idea:</u> Motion interacts with forces</p> <p><u>Key Concepts:</u> Change Causation Function</p> <p><u>Related Concepts:</u> Forces Motion Interaction</p> <p><u>Lines of inquiry:</u> -causes of change and motion -patterns of motion -engineering and motion</p>	<p><u>Central idea:</u> Citizens are affected by governmental decision-making</p> <p><u>Key concepts:</u> Responsibility Change Function</p> <p><u>Related concepts:</u> Citizenship Governments Interdependence</p> <p><u>Lines of Inquiry:</u> -structure of governmental organizations -function of governmental organizations -citizenship responsibilities</p>	<p><u>Central idea:</u> Plants and animals adapt to create relationships</p> <p><u>Key concepts:</u> Causation Change Connection</p> <p><u>Related concepts:</u> Sequence Relationships Adaptations</p> <p><u>Lines of inquiry:</u> -food chains/webs -components of ecosystems around the world -adaptations by plants/animals to survive</p>

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Fourth grade	<p>Central idea: Responsibility shapes who we are</p> <p>Key concepts: Perspective Connection Causation</p> <p>Related concepts: Health Family Responsibility</p> <p>Lines of inquiry: -taking care of our bodies -children and their experiences -children are unique</p>	<p>Central idea: Newcomers build civilizations</p> <p>Key concepts: Causation Change Connection</p> <p>Related concepts: History Interdependence Civilizations</p> <p>Lines of inquiry: -artifacts left from early civilizations -reasons for settlement -contributions of settlers</p>	<p>Central idea: Audience and structure create expression</p> <p>Key concepts: Perspective Connection Form</p> <p>Related concepts: Audience Structure Form</p> <p>Lines of inquiry: -craft of writing -ways to use organizers to enhance the writing process -role of the audience</p>	<p>Central idea: Relationships of electricity and magnetism</p> <p>Key Concepts: Function Causation Connection</p> <p>Related Concepts: Electricity Relationships Energy</p> <p>Lines of inquiry: -electricity and magnets have distinct properties -evidence of energy -impact of electromagnetic forces</p>	<p>Central idea: Struggle and compromise creates structure</p> <p>Key concepts: Connection Responsibility Function</p> <p>Related concepts: Cause/effect Compromise Structure Government</p> <p>Lines of Inquiry: -establishment of boundaries -creation and function of local and regional governments -communication and struggle</p>	<p>Central idea: Earth's surface changes over time</p> <p>Key concepts: Change Causation Connection</p> <p>Related concepts: Landscape Erosion Weather Physical changes</p> <p>Lines of inquiry: -formation of landforms -elemental forces -changes of earth's surface</p>

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Fifth grade	<p><u>Central idea:</u> Culture impacts human and civil rights</p> <p><u>Key concepts:</u> Change Responsibility Perspective</p> <p><u>Related concepts:</u> Culture human/civil rights Local vs global</p> <p><u>Lines of inquiry:</u> -individual rights vary according to time and place -individual responsibility to others -tolerance of differences</p>	<p><u>Central idea:</u> People migrate for a myriad of reasons</p> <p><u>Key concepts:</u> Causation Connection Perspective</p> <p><u>Related concepts:</u> migration Economics Opportunities Freedoms</p> <p><u>Lines of inquiry:</u> -factors that cause people t explore -challenges involved in migration -impact of migration/colonization</p>	<p><u>Central idea:</u> Writing assists self-expression</p> <p><u>Key concepts:</u> Function Connection Perspective</p> <p><u>Related concepts:</u> Interpretation Expression Genres of writing</p> <p><u>Lines of inquiry:</u> -using writing to effect change -using writing to provide information/functional writing -using writing for self-expression & reflection</p>	<p><u>Central idea:</u> Forces and objects interact in space</p> <p><u>Key Concepts:</u> Form Connection Change</p> <p><u>Related Concepts:</u> Solar system Space Interaction</p> <p><u>Lines of inquiry:</u> -phases of moon -earth's movement -forces between celestial objects -progression of knowledge of space</p>	<p><u>Central idea:</u> Desire for freedom can cause conflict</p> <p><u>Key concepts:</u> Causation Function Perspective</p> <p><u>Related concepts:</u> Freedom Political dependence Conflict</p> <p><u>Lines of Inquiry:</u> -causes/effects of civil/revolutionary wars -key stakeholder perspectives and turning points of revolutions -comparison of political conflicts around the world</p>	<p><u>Central idea:</u> Human choice impacts the environment</p> <p><u>Key concepts:</u> Causation Connection Responsibility</p> <p><u>Related concepts:</u> Renewable & nonrenewable energy sources Sustainability Consumption</p> <p><u>Lines of inquiry:</u> -ways variables can change outcomes -results of individual choice on the local and global environment -access to equal opportunities and resources</p>

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Sixth grade	<p><u>Central idea:</u> Systems impact organisms</p> <p><u>Key concepts:</u> Causation Function Connection</p> <p><u>Related concepts:</u> Human body systems Organisms Cells</p> <p><u>Lines of inquiry:</u> -human choices affect individual body systems -healing our bodies -social influences on health</p>	<p><u>Central idea:</u> Ancient civilizations influence life systems</p> <p><u>Key concepts:</u> Causation Change Connection</p> <p><u>Related concepts:</u> Systems Civilizations Migration</p> <p><u>Lines of inquiry:</u> -factors influencing development of civilizations -geography impacts life -contributions of ancient cultures</p>	<p><u>Central idea:</u> Actions, ideas and attitudes affect our world</p> <p><u>Key concepts:</u> All key concepts are addressed during Exhibition</p> <p><u>Related concepts:</u> Specific for each individual or small group</p> <p><u>Lines of inquiry:</u> -social attitudes -impact on the environment</p> <p>2018 Exhibition</p>	<p><u>Central idea:</u> Atmospheric changes affect weather</p> <p><u>Key Concepts:</u> Function Connection Change</p> <p><u>Related Concepts:</u> Atmosphere Natural disasters Weather</p> <p><u>Lines of inquiry:</u> -earth's atmosphere creates weather conditions -interaction among human population, natural hazards & the environment -earth's weather systems cause change around the world</p>	<p><u>Central idea:</u> Economic principles create consumption</p> <p><u>Key concepts:</u> Form Responsibility</p> <p><u>Related concepts:</u> Consumption Distribution Production</p> <p><u>Lines of Inquiry:</u> -economic activities and impact on the world's economy -economic factors influence decision making -facilitating trade in the world</p>	<p><u>Central idea:</u> Beliefs and perspectives cause conflict</p> <p><u>Key concepts:</u> Causation Change Perspective</p> <p><u>Related concepts:</u> Peace Conflict Beliefs</p> <p><u>Lines of inquiry:</u> -beliefs influence culture -beliefs/perspectives affect peace and conflict resolution -causes of war</p>