

World of ABC Program of Inquiry

| 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 |
|-----------|--|---|--|--|--|--|
| 5-6 K | <p>Central Idea Self-identity develops through awareness of personal characteristics.</p> <p>Key concepts Form, perspective, connection</p> <p>Related concepts Identity, relationships, diversity</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Physical, social, and emotional characteristics Recognizing similarities and differences between myself and others How our experiences influence us | <p>Central Idea Homes reflect personal identity, culture and local materials.</p> <p>Key concepts Form, perspective, connection</p> <p>Related concepts Diversity, needs, identity, properties</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> What constitutes a home How the local environment influences where people live How homes reflect personal identity and culture | <p>Central Idea People recognize important events through celebrations and traditions.</p> <p>Key concepts Form, perspective</p> <p>Related concepts Beliefs, values, culture</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> What traditions are How and why people celebrate Similarities and differences between various celebrations | <p>Central Idea All living things go through a process of change.</p> <p>Key concepts Change, connection, causation</p> <p>Related concepts Cycles, patterns</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Patterns of growth in living things Similarities and differences in the ways living things grow and change Factors that influence life cycles | <p>Central Idea Our school is a community where we can play and learn.</p> <p>Key concepts Function, connection, responsibility</p> <p>Related concepts Community, systems, roles</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> The jobs and roles people have in their school community The role of rules in a school community How physical space within a school contributes to the school community How a school community is similar to other kinds of communities | <p>Central Idea The Earth's environment is influenced by human use and natural cycles.</p> <p>Key concepts Responsibility, connection, causation</p> <p>Related concepts Cycles, resources, choices</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> The impact of the Earth's natural cycles on the environment How people interact with their environment The impact of people's choices on the environment |

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| 6-7 1st | <p>Central Idea The choices people make affect their health and well-being.</p> <p>Key concepts Responsibility, causation, perspective</p> <p>Related concepts Choice, influence, balance</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • What it means to have a balanced lifestyle • How the choices we make affect our health • Different sources of information that helps us make choices | <p>Central Idea The Earth's physical geography has an impact on human interactions and settlements.</p> <p>Key concepts Form, causation, connection</p> <p>Related concepts Geography, settlement</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Variability of physical geography around the world • The relationship between location and settlement • Impact of human interaction on the physical environment | <p>Central Idea Cultures express themselves through the arts in different ways.</p> <p>Key concepts Form, connection, perspective</p> <p>Related concepts Culture, self-expression</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • How people are connected through shared beliefs, values and practices • Different art forms • How art forms in a culture can have unique, shared characteristics • How people perceive the work of others differently | <p>Central Idea The natural world is composed of different forms of matter, which can be transformed.</p> <p>Key concepts Form, change, causation</p> <p>Related concepts Properties, transformation</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • States of matter and their properties • How states of matter can be transformed • Natural occurrences of states of matter and transformations | <p>Central Idea Communities create different systems to help meet its people's needs.</p> <p>Key concepts Connection, responsibility</p> <p>Related concepts Systems, needs, cooperation</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Different systems in our everyday lives • How systems are organized to meet the needs of the people • The role of decision making in systems | <p>Central Idea Plants and animals have different structures that allow them to survive.</p> <p>Key concepts Form, function, connection</p> <p>Related concepts Structure</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Structures of plants and animals • How animals and plants use their body parts to grow and survive • How humans mimic properties of animals and plants to improve our lives |

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| 7-8 2nd | <p>Central Idea People's actions impact mankind.</p> <p>Key concepts Perspective, connection, responsibility</p> <p>Related concepts Identity, impact</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Attributes of individuals who have had an impact on mankind • Ideas and perspectives that have changed the world • Ways we can impact the world | <p>Central Idea Family histories provide an insight into cultural and personal identity.</p> <p>Key concepts Change, perspective</p> <p>Related concepts Chronology, history, traditions</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Family ancestry • Artifacts, heirlooms, or traditions that have meaning in a family • Similarities and differences between generations within a family | <p>Central Idea Cultures express their beliefs and values through folktales.</p> <p>Key concepts Form, connection, perspective</p> <p>Related concepts Communication, culture, self-expression</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Beliefs and values of different cultures • Connection between culture and folktales • Representations of folktales in multiple mediums | <p>Central Idea People apply their understanding of force and motion to invent and create.</p> <p>Key concepts Form, function, causation</p> <p>Related concepts Invention, force, motion</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Properties of force and motion • How simple and complex machines function • Application of our understanding of force and motion | <p>Central Idea Changes in the Earth's atmosphere have an impact on the communities that people create.</p> <p>Key concepts Form, change, connection</p> <p>Related concepts Interaction, climate, community</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Weather patterns throughout the seasons • Manmade changes to the Earth's atmosphere • How communities are affected by weather | <p>Central Idea When interacting with natural habitats, people make choices that have an impact on other living things.</p> <p>Key concepts Form, causation, responsibility</p> <p>Related concepts Habitat, diversity</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Natural habitats and their locations around the world • How plants and animals use the environment to survive • Human impact on natural habitats |

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| 8-9 3rd | <p>Central Idea The actions and responsibilities of citizens and governments affect communities.</p> <p>Key concepts Function, responsibility, perspective</p> <p>Related concepts Citizenship, systems</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • The structure of various governments • The role of governments in communities • The rights and responsibilities of citizens and how they support the community | <p>Central Idea Exploration leads to discoveries, opportunities and new understandings.</p> <p>Key concepts Causation, form, perspective</p> <p>Related concepts Geography, discovery, consequences</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Reasons for exploration • Methods of navigation • The consequences of exploration | <p>Central Idea People use light and sound to express themselves.</p> <p>Key concepts Form, perspective, change</p> <p>Related concepts Energy, expression</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Properties and sources of light and sound • How people perceive light and sound in their environment • How people manipulate light and sound to invent and create | <p>Central Idea The Earth is constantly changing.</p> <p>Key concepts Causation, change, connection</p> <p>Related concepts Geology, movement</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • How the different components of the Earth are interrelated • How and why the Earth has changed and is continuing to change • Human response to the Earth's changes | <p>Central Idea The global economy relies on the production and exchange of goods and services.</p> <p>Key concepts Connection, causation</p> <p>Related concepts Interdependence, supply and demand, opportunity</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • How local resources contribute to production and trade specialization • How nations are economically interdependent • The role of economic decision-making | <p>Central Idea Over time, living things need to adapt in order to survive.</p> <p>Key concepts Change, connection</p> <p>Related concepts Evolution, adaptation</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Concept of adaptation • Circumstances that led to adaptation • How plants and animals adapt or respond to environmental conditions |

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| 9-10 4th | <p>Central idea: Body systems must effectively interact to ensure health and survival.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> The functions and interactions of the body systems. How human body systems are similar and different to systems of other living organisms. Consequences of lifestyle choices on the body <p>Key concepts Function, form, causation</p> <p>Related concepts Systems, interdependence, choices</p> | <p>Central Idea Migration leads to new opportunities and challenges.</p> <p>Key concepts Causation, perspective, connection</p> <p>Related concepts Migration, opportunity, adaptation, settlement</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Reasons why people migrate Challenges people face when they migrate Effects of migration on communities, cultures and individuals | <p>Central Idea Observation and interpretation of the changing sky contributes to the creation of myths and legends.</p> <p>Key concepts Form, function, perspective</p> <p>Related concepts Pattern, beliefs</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Patterns in the sky Scientific observation of space How scientific data, myths and legends are used to explain natural phenomena | <p>Central Idea Energy can be transformed and used in different ways.</p> <p>Key concepts Form, function, connection</p> <p>Related concepts Energy, conservation, transformation</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Different forms of energy The storage and transformation of energy Renewable and sustainable energy Conservation of energy | <p>Central Idea People create interconnected communities in different regions.</p> <p>Key concepts Form, connection</p> <p>Related concepts Regions, cooperation, diversity</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Different regions of the United States and their features The origins of United States regions How regions are interconnected | <p>Central Idea Children worldwide face a variety of challenges and risks.</p> <p>Key concepts Perspective, function, responsibility</p> <p>Related concepts Equality, rights</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Challenges and risks that children face and how they respond Ways in which organizations and nations work to protect children from risk Our responsibility in protecting human rights |

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| 10-11 5th | <p>Central Idea Many people struggle for rights and freedoms.</p> <p>Key concepts Perspective, change, responsibility</p> <p>Related concepts Rights, initiative</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • How people struggle for rights around the world • Civil rights movements around the world • Our role as global citizens | <p>Central Idea Earth's systems interact to affect the way people live.</p> <p>Key concepts Connection, change</p> <p>Related concepts System, interaction</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Interactions amongst Earth's major systems (geosphere, hydrosphere, atmosphere, biosphere) • How Earth has changed over time • How human settlements impact Earth's systems | <p>Central Idea Technology affects the way people communicate and express themselves in today's world.</p> <p>Key concepts Change, function, responsibility</p> <p>Related concepts Communication, self-expression, innovation</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • The changing media of communication • How people use technology to communicate and express themselves • Responsibility with new media | <p>Central Idea Materials can undergo changes that may provide both opportunities and challenges.</p> <p>Key concepts Form, change, responsibility</p> <p>Related concepts Properties, transformation, innovation, ethics</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Different forms and properties of matter • Practical applications of change in materials and its implications • Ethical dilemmas associated with manufacturing operations | <p>Central Idea Conflict throughout history can cause changes in society.</p> <p>Key concepts Causation, perspective, change</p> <p>Related concepts Conflict, consequences</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Causes of conflict • Opportunity and/or loss resulting from conflict • The shaping of present day systems | <p>Central Idea The balanced interdependence of living and non-living things contributes to the well-being of an environment.</p> <p>Key concepts Form, connection, change</p> <p>Related concepts Interdependence, equilibrium, systems</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • The components of an environment • The relationship between living and nonliving components in an environment • Balance and imbalance in an environment |