

Waldo School 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
3-4 PreK 3	<p>Central Idea We are all unique and that makes us special.</p> <p>Key concepts Form, perspective</p> <p>Related concepts Identity</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Our physical, emotional and social characteristics • Our personal abilities and interests • How our identity is similar or different to others 		<p>Central Idea People belong to families who celebrate together.</p> <p>Key concepts Form, responsibility, perspective</p> <p>Related concepts Tradition, culture, roles</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Different types of families • Roles and responsibilities of family members • Traditions and celebrations families share 	<p>Central Idea Daily and seasonal patterns affect the way people live.</p> <p>Key concepts Change, connection</p> <p>Related concepts Pattern, cycle</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Our daily routines • Patterns in our environment (Seasonal, weather, day / night) • How we respond to natural cycles 	<p>Central Idea People develop transportation systems for faster movement.</p> <p>Key concepts Form, function, connection</p> <p>Related concepts Systems, movement</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Types of transportation systems • How transportation systems are built and work • Why transportation systems are important 	<p>Central Idea Living things grow and change.</p> <p>Key concepts Form, causation, change</p> <p>Related concepts Cycles, living vs nonliving</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Characteristics of living and nonliving things • What living things need to grow • How living things change

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4-5 PreK 4	<p>Central Idea People's relationships with each other can have an impact on well-being.</p> <p>Key concepts Form, connection</p> <p>Related concepts Interaction, diversity</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Diversity of relationships How we develop and maintain our relationships How relationships affect us 		<p>Central Idea We use our imagination to express ourselves.</p> <p>Key concepts Form, perspective</p> <p>Related concepts Imagination, expression</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Different types of creative expression Sources of inspiration (our emotions, ideas, experiences, culture) How people share and respond to art 	<p>Central Idea Materials can be changed for different purposes.</p> <p>Key concepts Form, change</p> <p>Related concepts Properties, creation</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Properties of materials How properties of materials can be changed Manipulation of materials for new purposes 	<p>Central Idea People rely on each other in a community.</p> <p>Key concepts Function, connection, responsibility</p> <p>Related concepts Roles, community, interaction</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> People's roles within a community How people work together effectively within a community Importance of rules and routines in our communities 	<p>Central Idea We have a responsibility to care for the environment.</p> <p>Key concepts Form, connection, responsibility</p> <p>Related concepts Properties, system, interdependence</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Living and nonliving things in the environment How different parts of the environment are interdependent Ways we can care for our environment

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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 cycles of change.</p> <p>Key concepts Change, connection</p> <p>Related concepts Cycles, patterns, system</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> What living things need to survive How living things change over time The relationship between the environment and living things 	<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 Imagination helps us to create and innovate.</p> <p>Key concepts Form, connection, perspective</p> <p>Related concepts Imagination, innovation, creativity</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • How we express our imagination through different art forms • How imagination is connected to innovation • How technology and imagination work together • How imagination is used to widen our perspective 	<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 daily lives • How systems are organized to meet the needs of 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 Patterns, 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 Economy, system, interdependence, production, resources, consumer, globalization, choice</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Interdependence of producers and consumers in an economic system • 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 Pattern, 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 have equal rights which must be protected.</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"> Child rights issues and how these children 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, form</p> <p>Related concepts System, interaction</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Features of Earth's major systems (geosphere, hydrosphere, atmosphere, biosphere) • How Earth's systems interact • How human settlements impact Earth's systems 	<p>Central Idea Technology allows people to communicate and express themselves with others.</p> <p>Key concepts Change, function, perspective</p> <p>Related concepts Communication, self-expression, technology</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Different forms of technology used for communication • How technology can be used to express ourselves • Different points of view on the use of technology 	<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 • Impact of industrialization on people and the environment 	<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