

Alderwood's Program of Inquiry (POI)

Draft: November 2017

	Who We Are	Where We Are in Place & Time	How We Express Ourselves	How the World Works	How We Organize Ourselves	Sharing the Planet
	Inquiry into the nature of the self; beliefs and values; person, physical, mental, social and spiritual health; human relationships including families, friends, communities, and cultures; rights and responsibilities; what it means to be human.	Inquiry into orientation in place and time; personal histories; homes and journeys; the discoveries, explorations and migrations of humankind; the relationship between and the interconnectedness of individuals and civilizations, from local and global perspectives	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.	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.	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.	Inquiry into rights and responsibilities in the struggle to share finite resources with other people and other living things; communities and the relationship within and between them; access to equal opportunities; peace and conflict resolution.
K	<p>Central Idea: Children are Unique and Similar</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> Form, Connection, Perspective <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Physical characteristics of children Lives of children worldwide Similarities and differences of children 	<p>Central Idea: People create ways of knowing where we are in place and time</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> Change, reflection, function <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Change over time Reflecting on life events Recording place and time 	<p>Central Idea: People communicate feelings in many ways</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> Form, Connection, Perspective <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Observing and expressing feelings Story telling Artistic expression 	<p>Central Idea: Forces affect the motion of objects</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> Causation, connection, reflection <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Pushes and pulls Interactions Scientific diagrams Scientific process 	<p>Central Idea: Individuals use systems and structures to learn.</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> Responsibility, Function, Connection <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> School and classroom organization Being responsible citizens Similarities and differences in schools 	<p>Central Idea: Living things depend on their environment</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> Form, function, responsibility <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Characteristics of living and nonliving things Needs of living things Humans effect on living things
1st	<p>Central Idea: Families shape who we are</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> Change, Form, Connection <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Family Choices Family history/timelines Culture 	<p>Central Idea: Factors influence how families live</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> Perspectives, reflection, causation <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Geography Environments Families around the world Similarities and differences 	<p>Central Idea: People express their ideas creatively</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> Function, form, perspective <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Types of art forms Different ways to communicate an idea Appreciation of creativity Writing reviews 	<p>Central Idea: Matter exists in three states</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> Form, causation, change <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Observing, describing and recording Properties of liquids, solids and gases Similarities and differences of matter 	<p>Central Idea: Choices impact communities</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> Causation, responsibility, reflection <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> identifying and responding to feelings individual and group choices problem solving tools (systems & structures) 	<p>Central Idea: structures and behaviors support growth</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> Causation, connection form <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Patterns of behavior that help offspring survive Animal structures Research helps us learn
2nd	<p>Central Idea: There are different ways to be healthy</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> Causation, connection, responsibility <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Healthy eating habits Different types of exercise Geography and culture 	<p>Central Idea: Communities change based on the needs of the people</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> Change, form, function <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Bellingham history Organization and function of government Community's economy 	<p>Central Idea: Poetry communicates emotions and ideas</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> Perspective, connection, form <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Forms of poetry Poet's perspective and voice Figurative language 	<p>Central Idea: Balance and motion impact living and non-living things.</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> Connection, function, causation <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Pushes and pulls Balances and unbalanced Human created motion vs. natural motion Scientific process 	<p>Central Idea: Members of communities have roles and responsibilities</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> Function, responsibility, connection, reflection <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Community Roles and responsibilities Ways people contribute to a community 	<p>Central Idea: Ecosystems rely on connections?</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> Connection, function, form <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Needs of a plant Ways of pollinating/dispersing seeds Life in different habitats

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3rd	<p>Central Idea: Habits affect learning and relationships</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> • connection, responsibilities, reflection <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Growth mindset • Choices • Building a reading life 	<p>Central Idea: Questions and discoveries lead to new understandings</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> • <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Why people question & experiment • Magnetism & electricity • Technology for communication 	<p>Central Idea: Stories capture cultures and values</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> • Change, reflection, perspective <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Characteristics of classic tales • Characteristics of a writer • Changing fairy tales • Writing original fairytales 	<p>Central Idea: Human societies interact with the natural world.</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> • Change, responsibility, connection <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Life cycles (Salmon) • Human impacts on the environment • Problems and solution/engineering 	<p>Central Idea: Availability of resources determines lifestyle</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> • Causation, connection, form <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Environments impacts lifestyle • Communities impact their environments • Cultural similarities and differences 	<p>Central Idea: Water is an essential resource for all life</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> • Function, Connection, responsibility <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • The water cycle • Access and distribution of water • Respect for and responsible use of water
4th	<p>Central Idea: Choices we make define who we are</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> • Function, change, reflection <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Literary themes • Analyzing character • Effects of choices 	<p>Central Idea: Pioneers take risks and their accomplishments influence the world</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> • Perspective, connection, change <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Pioneers through history and across disciplines • Challenges pioneers face • Effects of pioneers' accomplishments • Differing perspectives 	<p>Central Idea: People use the elements of art to express their ideas, feelings and beliefs</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> • Function, perspective, reflection <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Elements of visual art • Interpreting art • communicating through art 	<p>Central Idea: The surface of the earth is dynamic and ever changing</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> • Causation, connection, responsibility <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • History/ patterns in rock layers • Causes and effects of erosion • Using maps to describe patterns in earth's features • Humans attempts to reduce the impact 	<p>Central Idea: Physical geography impacts economies</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> • Function, causation, connection <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Regions of Washington state • Influences on where people live • Similarities and differences in regions around the world 	<p>Central Idea: The transfer of energy has social and environmental consequences.</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> • Form, change, responsibility <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Forms of energy • Transfer of energy • Renewable and non-renewable energy sources • Environmental impacts
5th	<p>Central Idea: Knowledge of yourself and others builds community.</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> • Perspective, connection, responsibility <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Cultures • Belonging • Empathy • Responsibility in a community 	<p>Central Idea: Migrations create change and can lead to new opportunities.</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> • Causation, change, perspective <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Spirit of exploration • Causes of migration • Effect of migration 	<p>Central Idea: Our life experiences drive our opinions</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> • Form, perspective, reflection <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Structure of essays • Opinions are supported with evidence • Revision is based on feedback 	<p>Central Idea: The movement of objects in our solar system impacts our lives</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> • Causation, change, perspective <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Observable patterns • Interactions between objects • Technological advances 	<p>Central Idea: Systems of government organize societies</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> • Responsibility, function, connection <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Systems of government • Rights and responsibilities of citizens • Reasons for government systems 	<p>Central Idea: Life depends on the relationship between energy and matter</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> • Function, connection, causation <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Cycles of matter • Transfer of energy • Earth systems