

# Adams Elementary School Programme of Inquiry (Draft 2020-21)

Age/ Grade	An Inquiry into:					
	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
	<i>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</i>	<i>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.</i>	<i>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.</i>	<i>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</i>	<i>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.</i>	<i>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.</i>
Ages 5-6 Kindergarten	<p>Central Idea: Growth leads to change.</p> <p>Key Concepts: change, perspective, form, function</p> <p>Related Concepts: roles, growth, behavior</p> <p>Lines of Inquiry: (Fall)</p> <ul style="list-style-type: none"> <li>Ways we grow as learners</li> <li>Behavior of learners</li> <li>Responsibilities of learners</li> </ul> <p>Lines of Inquiry: (Winter)</p> <ul style="list-style-type: none"> <li>Structure/Function of human body</li> <li>Ways people grow and change</li> <li>Growth over time</li> </ul> <p>Learner Profile: caring, principled, thinker</p> <p>Approaches to Learning: self-management &amp; social skills</p> <p>Yearlong</p>	<p><b>• Not taught in 2020-21</b></p>	<p>Central Idea: People express themselves through the arts.</p> <p>Key Concepts: form, perspective, function</p> <p>Related Concepts: creativity, exploration</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> <li>Ways people express themselves</li> <li>Forms of art</li> <li>How experiences shape people</li> <li>Artists</li> </ul> <p>Learner Profile: risk-taker, communicator, reflective</p> <p>Approaches to Learning: communication &amp; self-management skills</p>	<p><b>• Not taught in 2020-21</b></p>	<p>Central Idea: Needs and wants influence goods and services.</p> <p>Key Concepts: function, responsibility, connection</p> <p>Related Concepts: economics, relationships</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> <li>Needs and wants</li> <li>Goods and services</li> <li>Reasons people trade</li> </ul> <p>Learner Profile: open-minded, balanced</p> <p>Approaches to Learning: communication &amp; social skills</p>	<p>Central Idea: Living things have basic needs..</p> <p>Key Concepts: change, responsibility, function</p> <p>Related Concepts: living/nonliving, structure/function</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> <li>Living/nonliving things</li> <li>Needs of living things</li> <li>Structure/function of living things</li> </ul> <p>Learner Profile: inquirer, knowledgeable</p> <p>Approaches to Learning: research &amp; thinking skills</p>

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Ages 2-7 1st Grade	<p>Central Idea: People belong to families that are unique.</p> <p>Key Concepts: form, function responsibility,</p> <p>Related Concepts: family, traditions</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> <li>• Roles/responsibilities in families</li> <li>• Similarities and differences in families</li> <li>• How families carry out traditions</li> </ul> <p>Learner Profile: communicator, open-minded</p> <p>Approaches to Learning: communication, research, &amp; social skills</p>	<p>Central Idea: Evidence helps us to understand the past and make connections to the present.</p> <p>Key Concepts: causation, connection, change</p> <p>Related Concepts past, present, future</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> <li>• How people influence the world</li> <li>• Historical artifacts</li> <li>• Ways timelines are used</li> </ul> <p>Learner Profile: principled, knowledgeable</p> <p>Approaches to Learning: communication &amp; self-management skills</p>	<p>Central Idea: People use creativity to express ideas.</p> <p>Key Concepts: perspective, connection, function</p> <p>Related Concepts: self-expression, communication</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> <li>• How words/images make meaning</li> <li>• Tools that can be used to share ideas</li> <li>• Ways people communicate ideas</li> </ul> <p>Learner Profile: risk-taker, communicator, thinker</p> <p>Approaches to Learning: communication &amp; self-management skills</p>	<p>Central Idea: Inquiry can lead to discovery.</p> <p>Key Concepts: causation, connection</p> <p>Related Concepts: waves, pattern, design</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> <li>• How to make and use observations to gather information</li> <li>• Properties of light and sound</li> <li>• Ways to identify, evaluate and solve a problem</li> </ul> <p>Learner Profile: inquirer, knowledgeable</p> <p>Approaches to Learning: research &amp; thinking skills</p>	<p>Central Idea: People and resources build a community.</p> <p>Key Concepts :connection, responsibility</p> <p>Related Concepts:, community, resources</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> <li>• Roles of community helpers</li> <li>• How available resources affect needs/wants</li> <li>• Reasons people work</li> </ul> <p>Learner Profile: principled, thinker</p> <p>Approaches to Learning: thinking &amp; communication skills</p>	<p>Central Idea: Living things grow and adapt..</p> <p>Key Concepts: change, causation, connection</p> <p>Related Concepts: habitats, life cycle</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> <li>• Life cycles</li> <li>• How living things grow and adapt</li> <li>• How structures/behaviors help living things survive</li> </ul> <p>Learner Profile: knowledgeable, thinker</p> <p>Approaches to Learning: research &amp; thinking skills</p>
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Ages 7-8 2nd Grade	<p>Central Idea: Citizens have rights and responsibilities.</p> <p>Key Concepts: function, responsibility, causation</p> <p>Related Concepts: consequences, citizenship</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> <li>• Rights and responsibilities in a community</li> <li>• Behaviors in different environments &amp; situations</li> <li>• Consequences of decisions</li> </ul> <p>Learner Profile: caring, open-minded</p> <p>Approaches to Learning: self-management &amp; social skills</p>	<p>Central Idea: Learning about the past can help us understand the world.</p> <p>Key Concepts: perspective, change, causation</p> <p>Related Concepts: history time</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> <li>• Relationship between cause and effect</li> <li>• How the past connects to our lives today</li> <li>• How personal experiences differ from one another</li> </ul> <p>Learner Profile knowledgeable, risk-taker, communicator</p> <p>Approaches to Learning: communication &amp; research skills</p>	<p>Central Idea: People share their cultural beliefs, values, and traditions through stories, texts, and experiences.</p> <p>Key Concepts, connection, perspective</p> <p>Related Concepts: beliefs, relationships, diversity</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> <li>• Ways people define themselves and view others</li> <li>• Features of stories and texts</li> <li>• Use of communication skills to express thoughts, beliefs, and experiences</li> </ul> <p>Learner Profile: open-minded, balanced, risk-taker</p> <p>Approaches to Learning: communication &amp; thinking skills</p>	<p>Central Idea: Different processes shape the Earth.</p> <p>Key Concepts: causation, function, form</p> <p>Related Concepts: consequences, Earth, force</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> <li>• Forces that shape the Earth's surface</li> <li>• Erosion/weathering</li> <li>• Ways maps/models provide information</li> </ul> <p>Learner Profile: knowledgeable, inquirer, reflective</p> <p>Approaches to Learning: research &amp; communication skills</p>	<p>Central Idea: Communities function and change to meet the needs of its members.</p> <p>Key Concepts: form, connection, function</p> <p>Related Concepts: systems, relationships</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> <li>• How communities change/respond to the needs of its members</li> <li>• How and why choices are made</li> <li>• Services needed to support a community</li> </ul> <p>Learner Profile: knowledgeable, inquirer</p> <p>Approaches to Learning: self-management &amp; communication skills</p>	<p>Central Idea: Living things are interdependent.</p> <p>Key Concepts, form, function, connection</p> <p>Related Concepts: relationships, interdependence</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> <li>• Ways resources support life</li> <li>• Structures/cycles of living things</li> <li>• Interdependence of living things/communities</li> </ul> <p>Learner Profile: balanced, reflective, inquirer</p> <p>Approaches to Learning: thinking &amp; social skills</p>
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<p>Ages 8-9 3rd Grade</p>	<p>Central Idea: People build relationships through experiences.</p> <p>Key Concepts: responsibility, perspective, connection</p> <p>Related Concepts: relationships, diversity</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> <li>• Inheritance of traits</li> <li>• Diversity</li> <li>• Relationship between traits</li> </ul> <p>Learner Profile: caring, principled</p> <p>Approaches to Learning: self-management, social &amp; communication skills</p>	<p>Central Idea: Growth and development impact progress.</p> <p>Key Concepts: change, perspective, causation</p> <p>Related Concepts: growth, progress</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> <li>• Discoveries that lead to change</li> <li>• Factors that impact growth</li> <li>• Changes in communities</li> </ul> <p>Learner Profile: knowledgeable, inquirer</p> <p>Approaches to Learning: research &amp; communication skills</p>	<p>Central Idea: People share their views and/or experiences through words, pictures, and ideas.</p> <p>Key Concepts: connection, form, perspective</p> <p>Related Concepts: patterns, relationships</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> <li>• How location impacts culture</li> <li>• Ways people connect life to text</li> <li>• How the past can influence life</li> </ul> <p>Learner Profile: open-minded, balanced</p> <p>Approaches to Learning: thinking &amp; communication skills</p>	<p>Central Idea: The interaction of forces can create change.</p> <p>Key Concepts: form, function, causation</p> <p>Related Concepts: energy, forces, interactions</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> <li>• How forces interact and impact movement</li> <li>• Simple/compound machines</li> <li>• Problem solving</li> </ul> <p>Learner Profile: knowledgeable, thinker</p> <p>Approaches to Learning: social thinking &amp; research skills</p>	<p>Central Idea: Systems are created to organize information.</p> <p>Key Concepts: connection, function, causation</p> <p>Related Concepts: technology, organization, economics</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> <li>• Types of systems</li> <li>• How systems work</li> <li>• Need for organization and systems</li> </ul> <p>Learner Profile: thinker, knowledgeable</p> <p>Approaches to Learning: communication &amp; self-management skills</p>	<p>Central Idea: Living things interact within an ecosystem</p> <p>Key Concepts: responsibility, form, function</p> <p>Related Concepts: survival, ecosystems</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> <li>• Life cycles</li> <li>• Relationships in an ecosystem</li> <li>• Behavior of living things</li> </ul> <p>Learner Profile: caring, reflective</p> <p>Approaches to Learning: thinking &amp; communication skills</p> <p style="text-align: center; color: red;">IN PROGRESS</p>
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Ages 9-10 4th Grade	<p>Central Idea: Relationships contribute to our identity.</p> <p>Key Concepts: perspective, function, form</p> <p>Related Concepts: identity, relationships, connection</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> <li>• How identity can be influenced by connections</li> <li>• How we learn by considering other perspectives</li> <li>• How relationships are connected</li> </ul> <p>Learner Profile: principled, risk-taker, open-minded</p> <p>Approaches to Learning: self-management &amp; communication skills</p>	<p>Central Idea: Geography can impact where and how people live.</p> <p>Key Concepts: causation, change, perspective</p> <p>Related Concepts: growth, impact, movement</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> <li>• Immigration and migration (reasons/impact)</li> <li>• Geographical features</li> <li>• Change over time</li> </ul> <p>Learner Profile: thinker, risk-taker</p> <p>Approaches to Learning: research &amp; thinking skills</p>	<p>Central Idea: Forms of expression are tools for communication.</p> <p>Key Concepts: form, change, perspective</p> <p>Related Concepts: persuasion, observation, communication</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> <li>• Way people communicate to express themselves</li> <li>• How communication may change our perspective</li> <li>• Ways communication can be adapted to an audience</li> </ul> <p>Learner Profile: reflective, communicator</p> <p>Approaches to Learning: social &amp; communication skills</p>	<p>Central Idea: Energy impacts life.</p> <p>Key Concepts: causation, function, change</p> <p>Related Concepts: conservation, energy, interactions</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> <li>• Forms and sources of energy</li> <li>• How energy can be transformed</li> <li>• Energy conservation</li> </ul> <p>Learner Profile: inquirer, knowledgeable</p> <p>Approaches to Learning: social, thinking, communication skills</p>	<p>Central Idea: The way we are organized are different and can be changed.</p> <p>Key Concepts responsibility, connection, function</p> <p>Related Concepts: leadership, conflict, cooperation</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> <li>• How people/places are organized</li> <li>• How ideas influence change</li> <li>• Ways government function and impact our world.</li> </ul> <p>Learner Profile: principled, caring</p> <p>Approaches to Learning: research &amp; self-management skills</p>	<p>Central Idea: People make choices that may affect living things.</p> <p>Key Concepts responsibility, connection, change</p> <p>Related Concepts: leadership, conflict, cooperation</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> <li>• Impact of activism</li> <li>• Responsibility toward living things</li> <li>• How people initiate change on issues that matter to them.</li> </ul> <p>Learner Profile: caring, balanced</p> <p>Approaches to Learning: social &amp; communication skills</p>
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Ages 10-11 5th Grade	<p>Central Idea: We depend on our networks to help conquer challenges.</p> <p>Key Concepts: form, function, connection</p> <p>Related Concepts: system, discovery, interdependence</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> <li>• Elements of a network</li> <li>• How networks are used</li> <li>• Connections between and within networks.</li> </ul> <p>Learner Profile: balanced, inquirer, risk-taker</p> <p>Approaches to Learning: thinking, research &amp; self-management skills</p>	<p>Central Idea: People are influenced by the environment and the lives of others.</p> <p>Key Concepts: connection, change, perspective</p> <p>Related Concepts: conflict, mood, persuasion</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> <li>• How different influences affect lives</li> <li>• Ways perspectives are formed/changed by the environment &amp; others</li> <li>• How the present is connected to the past</li> </ul> <p>Learner Profile: inquirer, open-minded, communicator</p> <p>Approaches to Learning: social, communication &amp; thinking skills</p>	<p>Central Idea: We use creativity to reach an audience.</p> <p>Key Concepts: connection, perspective</p> <p>Related Concepts: action, agency, passion</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> <li>• Ways historical decisions impact society</li> <li>• Impact of discourse in developing a society</li> <li>• How to influence others</li> </ul> <p>Learner Profile: reflective, communicator, open-minded</p> <p>Approaches to Learning: self-management, communication</p>	<p>Central Idea: Forces create interactions.</p> <p>Key Concepts: change, connection, causation</p> <p>Related Concepts: sequences, patterns, robotics</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> <li>• How forces impact people and their choices</li> <li>• Ways forces affect outcomes</li> <li>• Cause(s) and effect(s) of forces</li> </ul> <p>Learner Profile: knowledgeable, balanced, risk-taker</p> <p>Approaches to Learning: self-management, research &amp; communication skills</p>	<p>Central Idea: The structure and organization of systems impact its members.</p> <p>Key Concepts: form, connection, perspective</p> <p>Related Concepts: democracy, relationships, interdependence</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> <li>• The structure/function of systems</li> <li>• How beliefs affect choices</li> <li>• Connections between cultures</li> </ul> <p>Learner Profile: principled, open-minded, communicator</p> <p>Approaches to Learning: social &amp; thinking skills</p>	<p>Central Idea: Action makes a difference in conflict and resolution.</p> <p>Key Concepts: responsibility, change</p> <p>Related Concepts: agency, action, issues</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> <li>• Conflict resolution</li> <li>• The impact of actions</li> <li>• The role of citizens in conflict &amp; resolution</li> </ul> <p>Learner Profile: risk-taker, caring, &amp; reflective</p> <p>Approaches to Learning: research, self-management &amp; communication skills</p> <p style="text-align: center; color: red; font-weight: bold; font-size: 1.2em;">EXHIBITION</p>
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