



Lansdowne Elementary Programme of Inquiry 2019-2020

	An inquiry into: Who we are	An inquiry into: Where we are in place and time	An inquiry into: How we express ourselves	An inquiry into: How the world works	An inquiry into: How we organize ourselves	An inquiry into: Sharing the planet
	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.	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.	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.	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.	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.	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.
K	<p>Central Idea: Human connections form relationships.</p> <p>Key Concepts: Change, function</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> -how people develop and maintain relationships -how humans change over time (physical, mental, social) -differences among groups you choose and groups you are born into 		<p>Central Idea: People express themselves in various ways.</p> <p>Key Concepts: perspective, reflection</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> -oral and/or written expressions from various cultures -how thoughts and feelings are expressed through visual arts -movement, dance, and music -how to use a map 	<p>Central Idea: Systems affect our world.</p> <p>Key Concepts: causation, change</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> -different weather features -the effects of weather and how we adapt -comparing weather patterns that occur from season to season 		<p>Central Idea: Maps assist with learning the land.</p> <p>Key Concepts: connection, form</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> -How Maps help us understand physical space -How people describe their surroundings by using positional words -How landforms are described by their physical features
1	<p>Central Idea: Responsible and/ or irresponsible actions impact different settings.</p> <p>Key Concepts: reflection and responsibility</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> -the rules needed for different settings -roles, attitudes, and characteristics of leaders around the world -consequences and/or effects of actions in different settings -ways in which conflicts can be resolved in different settings 	<p>Central Idea: Diverse cultures shape our world.</p> <p>Key Concepts: connection and perspective</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> -things that define a culture -reasons for observing celebrated holidays -events and symbols associated with celebrations and holidays 	<p>Central Idea: Literature helps people understand their feelings, beliefs and ideas..</p> <p>Key Concepts: perspective connection</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> -ways folklore affects communities -how stories are communicated -different forms of poetry 	<p>Central Idea: People conduct observations to understand how things move.</p> <p>Key Concepts: causation / function</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> -the way variables affect how objects move -ways movement is affected by pushing or pulling -the effects of a given force on the motion of an object, including balanced forces -how objects in the sky have patterns of movement 	<p>Central Idea: Community resources satisfy our needs.</p> <p>Key Concepts: connection / responsibility</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> -the choices you make to satisfy wants and needs -producing and consuming goods and services -how supply and demand affects the choices families and communities make 	<p>Central Idea: Plants and animals thrive in different environments.</p> <p>Key Concepts: form / change</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> -how plants and animals depend on each other for energy and growth in different conditions -how people protect the environment How earth materials support plant and animal life

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2	<p>Central Idea: Cultural diversity enhances a community.</p> <p>Key Concepts: form, connection</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> -how people influence our traditions and values. -the diverse cultures of people in a community -the importance of respect for diverse groups in a community 	<p>Central Idea: Environments develop over time.</p> <p>Key Concepts: perspective, reflection</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> -Understanding the roles and responsibilities of citizens -How to interpret maps of schools and communities -Interpret the meaning of symbols and locations of physical and human features on maps. -How events impact and change our community over time 	<p>Central Idea: Sound produces emotions.</p> <p>Key Concepts: function, causation</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> -how sound is made -the relationship between sound and objects -expressions of sound 	<p>Central Idea: Changes in matter affect the environment.</p> <p>Key Concepts: change, connection</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> -states in which matter exists -properties and uses of matter -ways matter changes 	<p>Central Idea: Government and communities develop systems.</p> <p>Key Concepts: responsibility, perspective</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> -how people and countries around the world, trade for goods and services -why people spend, save, borrow, and give according to their needs and wants -the supply and demand of goods -the services the government provides that add value to the community 	<p>Central Idea: Living things change through cycles.</p> <p>Key Concepts: causation change, form</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> -how living things grow and change -the life cycles of ladybugs, frogs, and butterflies -the resemblance between parents and offspring
3	<p>Central Idea: Citizens and government work together in a community.</p> <p>Key Concepts: function, connection, responsibility</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> -how citizens contribute to the development of the community throughout history -the branches of government that are in place to serve citizens -the rights and responsibilities that citizens have within their communities 	<p>Central Idea: Events individuals and ideas affect communities over time.</p> <p>Key Concepts: responsibility, change, reflection</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> -how significant ideas impact global communities -how key historical events create change in local and global communities -how multiple perspectives develop ideas about historical events 	<p>Central Idea: Values, beliefs and traditions influence how people express themselves.</p> <p>Key Concepts: perspective, connection</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> -the languages, foods, and traditions within communities -the artistic expression of different cultures -how cultures borrow and share from each other 	<p>Central Idea: The laws of nature explain the world around us.</p> <p>Key Concepts: function, causation, change</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> -the ways energy is transferred from warmer objects to cooler objects -how air surrounds us and takes up space and has mass -the ways force and motion affect the speed and direction of objects -how matter can be differentiated based on changing properties 	<p>Central Idea: . People and natural resources influence the economic activity of a region.</p> <p>Key Concepts: change, connection, perspective</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> -how the location of a community impacts supply and demand -the ways natural resources impact economic development -the ways entrepreneurs develop businesses based on the natural resources in a region 	<p>Central Idea: Environmental conditions and natural resources affect organisms.</p> <p>Key Concepts: responsibility, form</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> -how soil affects all living things -how environmental conditions determine survival -the importance of the structure and function of plant parts

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4	<p>Central Idea: Making wise choices helps us maintain a healthy lifestyle.</p> <p>Key Concepts: responsibility, reflection</p> <p>Lines of inquiry</p> <p>-how to maintain healthy systems -factors that influence choices we make -consequences and actions -the role of food, vitamins and minerals on the body</p>	<p>Central Idea: People on the move affect the world around them.</p> <p>Key Concepts: perspective, causation</p> <p>Lines of inquiry:</p> <p>-the causes for movement -the influence of ethnic and cultural groups -a Case Study of North Carolina history</p>	<p>Central Idea: Writing is a way we express our thoughts and feelings.</p> <p>Key Concepts: form, perspective, reflection</p> <p>Lines of inquiry:</p> <p>-the different types of written expression (poetry, drama, narrative, argumentative, expository) -how people around the world use different types of writing to share convictions and ideas -how writing is a visual of our mental processes</p>	<p>Central Idea: Forms of energy have predictable behaviors that lead to innovations.</p> <p>Key Concepts: connection, change, function</p> <p>Lines of inquiry:</p> <p>-how electrically charged objects produce motion - light, sound and magnets as forms of energy -conductors and nonconductors of energy</p>	<p>Central Idea: Resources affect and shape the market place.</p> <p>Key Concepts: connection, function, responsibility</p> <p>Lines of inquiry:</p> <p>-unlimited wants and limited resources -ways the circular flow of the economy is affected by money and goods -the exploration of the relationship between resources, revenues, cost and profit</p>	<p>Central Idea: Living things struggle and adapt to survive.</p> <p>Key Concepts: causation, change, form</p> <p>Lines of inquiry:</p> <p>-how humans and animals must adapt to changing environments -how the mind/spirit/body work together to affect survival -the consequences of the changes within an environment</p>
5	<p>Central Idea: Health and balance in the human body depend on organized systems</p> <p>Key Concepts: Form, function, connection, responsibility (personal)</p> <p>Lines of Inquiry:- the ways simple and complex cells sustain life</p> <p>- the major organs and systems of the human body and their function(s)</p> <p>-how human body systems are independent and interdependent</p> <p>- parents and their offspring according to inherited and not inherited traits</p>	<p>Central Idea: Exploration leads to discoveries and new understandings.</p> <p>Key Concepts: change, responsibility, causation</p> <p>Lines of inquiry:</p> <p>-the different forms of government -the role of citizens and their rights -the impact of market economies</p>	<p>Central Idea: Images and literature provide perspectives on culture.</p> <p>Key Concepts: perspective, connection, reflection</p> <p>Lines of Inquiry:</p> <p>-the expression of ideas and emotions through creativity -cultural expressions -various artistic mediums</p>	<p>Central Idea: Scientific principles make the world work.</p> <p>Key Concepts: Causation, change, reflection</p> <p>Related concept: energy</p> <p>Lines of inquiry:</p> <p>-laws of motion -physical and chemical changes -heat transfer</p>	<p>Central Idea: Needs affect the structure of government and the global economy.</p> <p>Key Concepts: perspective, responsibility, reflection</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> ● ways governments form and function. ● the rights and responsibilities of citizens. ● the impact of market economies. 	<p>Central Idea: Biodiversity relies on interdependence of organisms.</p> <p>Key Concepts: change, responsibility</p> <p>Lines of Inquiry:</p> <p>-functions of organisms within biomes -impact of humans on biomes-changing ecosystems and biomes-impact of climate</p>

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