

Carrollwood Day School
Program of Inquiry 2019-2020

T R A N S D I S C I P L I N A R Y T H E M E S	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 exploration of the nature of the self; beliefs and values; of 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 the 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 our 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 (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 the rights and responsibilities in the struggle to share finite resources with other people and other living things; communities and the relationships within and between them; access to equal opportunities; peace and conflict resolution.

	WHO WE ARE		HOW WE EXPRESS OURSELVES	HOW THE WORLD WORKS	HOW WE ORGANIZE OURSELVES	
P r e K 3	<p>Oct-Dec</p> <p>Central Idea: Children learn about themselves and others through exploration.</p> <p>Subject Focus: PSE, math</p> <p>Key Concepts: change, causation, perspective</p> <p>Related Concepts: Similarities and differences, growth and transformation</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> ● Physical characteristics ● Feelings and emotions ● Personal preferences 		<p>March-May</p> <p>Central Idea: Signs and symbols are used as a means of communication.</p> <p>Subject Focus: Language, art</p> <p>Key Concepts: Form, function, connection</p> <p>Related Concepts: Visual communication, pattern impact</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> ● A print-rich environment ● Visual aids and visual communication ● Non-verbal communication 	<p>Jan-March</p> <p>Central Idea: The human body allows us to explore our environment</p> <p>Subject focus: Science, art</p> <p>Key Concepts: Connection function, responsibility</p> <p>Related Concepts: Systems, interpretation</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> ● Identifying our five senses ● Our bodies in relation to our surroundings ● Responsibly moving and working with ourselves and others. 	<p>Aug-May</p> <p>Central Idea: Managing ourselves enables us to learn in our school.</p> <p>Subject focus: Social studies, PSE, math</p> <p>Key Concepts: Form, function, responsibility</p> <p>Related Concepts: Organization, independence, self-management</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> ● Our daily routine ● Self-management and social skills ● School materials 	

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P r e K 4	<p>Aug.-May</p> <p>Central Idea: We are caring when we show respect and responsibility for ourselves and our community.</p> <p>Subject Focus: Social Studies, PSE</p> <p>Key Concepts: connection, responsibility, causation</p> <p>Related Concepts: Communication, cooperation, friendship, and independence</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> ● Safety as a responsibility ● Creating a classroom community ● ways to solve problems/conflict resolution 	<p>Oct-Dec.</p> <p>Central Idea: There are structural and relational differences within homes.</p> <p>Subject focus: Math, social studies, art</p> <p>Key Concepts: Form, connection, perspective</p> <p>Related Concepts: Structure, interdependence, networks</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> ● Our homes ● Observing structural differences in various global communities ● Household dynamics 	<p>March-May</p> <p>Central Idea: Children explore and consider perspectives through stories in a variety of ways.</p> <p>Subject Focus: Language, arts</p> <p>Key Concepts: connection, reflection, perspective</p> <p>Related Concepts: Organization, sequencing, comprehension, presentation</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> ● Storytelling ● Creating and telling personal stories ● Acting out and retelling stories ● How stories were adapted and changed 	<p>Jan.-March</p> <p>Central Idea: Observation and experimentation can help us understand our world.</p> <p>Subject Focus: Science, math</p> <p>Key Concepts: Function, change, connection</p> <p>Related Concepts: Systems, interdependence, growth, cycles, sequences, transformation</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ● Scientific inquiry ● The life cycles and the processes of change ● Skeletal and structural working systems of living things 		

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K I N D E R G A R T E N	<p>Aug.-Oct.</p> <p>Central Idea: Our choices can create positive relationships in our lives.</p> <p>Subject focus: PSE, social studies</p> <p>Key Concepts: Form, responsibility, causation</p> <p>Related Concepts: Conflict and communication</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Forming friendships in the classroom community • Resolving conflicts • Making choices 	<p>March-May</p> <p>Central Idea: Children's daily lives are influenced by their location in the world.</p> <p>Subject focus: Social studies, language arts</p> <p>Key Concepts: Connection, change, perspective</p> <p>Related Concepts: Diversity, artifacts, geography</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Daily routines of children • Significance of geographical location • Commonalities 	<p>Nov.-Dec.</p> <p>Central Idea: The arts are a tool to extend our ability to create and express ideas.</p> <p>Subject focus: Visual Arts and language arts</p> <p>Key Concepts: Form, reflection, perspective</p> <p>Related Concepts: Communication and interdependence</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Types of illustrations • Opportunities for expression provided by the arts • Art techniques 			<p>Jan.-March</p> <p>Central Idea: Animal survival is dependent on their habitat.</p> <p>Subject focus: Social studies and science</p> <p>Key Concepts: Change, connection, responsibility</p> <p>Related Concepts: Habitats, environmental influences</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Components of a habitats • Endangered animals • Human responsibility

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FIRST GRADE	<p>Sept.-Oct.</p> <p>Central Idea: Families can be defined by roles and relationships wherever they are.</p> <p>Subject focus: Social studies and PSE</p> <p>Key Concepts: Responsibility, form, perspective</p> <p>Related Concepts: Families and roles</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Relationships within families • Traditions within a family • Families around the world 	<p>April-May</p> <p>Central Idea: People throughout history have made a difference through thoughts, words, and actions.</p> <p>Subject focus: Language and social studies</p> <p>Key Concepts: Connection, perspective, responsibility</p> <p>Related Concepts: prejudice, rights, justice, interactions</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Contributions of individuals and groups • Process of the PYP Action Cycle • Making a difference in our world 	<p>Dec.-Feb.</p> <p>Central Idea: Imagination can be a powerful tool for extending our ability to think, create, and express ourselves.</p> <p>Subject focus: The Arts, language</p> <p>Key Concepts: Form, perspective, reflection</p> <p>Related Concepts: communication, creative expression, exploration</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Self-expression through imagination • Different types of media • Creative writing 	<p>Oct.-Dec.</p> <p>Central Idea: Everything on Earth is made of matter and it can go through changes.</p> <p>Subject focus: Science, math</p> <p>Key Concepts: Form, causation, change</p> <p>Related Concepts: chemical and physical changes</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Introduction of the scientific method • States and properties of matter • How matter changes 	<p>August</p> <p>Central Idea: Working together builds community.</p> <p>Subject focus: Social studies, math, PSE</p> <p>Key Concepts: Reflection, responsibility, connection</p> <p>Related Concepts: Conflict, communication, citizenship</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Ways of working together • Roles and responsibilities in our school • Conflict resolution • Cooperation 	<p>Feb.-April</p> <p>Central Idea: Humans are interdependent within nature.</p> <p>Subject focus: Science and social studies</p> <p>Key Concepts: Function, responsibility, connection</p> <p>Related Concepts: Adaptation, classification, growth</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Roles of insects • Interdependence between humans and insects • Helpful and harmful bugs

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S E C O N D G R A D E	<p>April-May</p> <p>Central Idea: Beliefs and values reflect our personal culture.</p> <p>Subject focus: Social studies and PSE</p> <p>Key Concepts: Causation, connection, perspective</p> <p>Related Concepts: Culture, beliefs, values</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Cultural characteristics • Family traditions • World customs 	<p>Aug.-Sept</p> <p>Central Idea: Geography may help orientation and placement in the world.</p> <p>Subject focus: Social studies and language</p> <p>Key Concepts: Function, connection, perspective,</p> <p>Related Concepts: Organization, navigation, orientation</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Content and organization of maps • Reasons for orienting ourselves • Global perspectives 	<p>Sept.-Oct.</p> <p>Central Idea: People use their discoveries and ideas to create inventions.</p> <p>Subject focus: Language, arts, and science</p> <p>Key Concepts: Function, causation, perspective</p> <p>Related Concepts: Discovery and innovation</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Reasons for inventing • Discoveries • Creative thought process 	<p>Oct.-Nov.</p> <p>Central Idea: Living things grow and change.</p> <p>Subject focus: Science and language</p> <p>Key Concepts: Form, connection, change</p> <p>Related Concepts: Cycles, endangerment</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Comparing life cycles • Classification of animals • Plant science 	<p>Feb.-April</p> <p>Central Idea: People live, work, and interact within their communities around the world.</p> <p>Subject focus: Social studies and math</p> <p>Key Concepts: Form, function, responsibility</p> <p>Related Concepts: Citizenship, economics, cooperation</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Types of communities • Needs and wants of people in a community • Individual roles and responsibilities 	<p>Dec.-Jan.</p> <p>Central Idea: Threats to the ecosystem impact us all.</p> <p>Subject focus: Science and social studies</p> <p>Key Concepts: Form, Connection,, responsibility</p> <p>Related Concepts: Extinction, ecosystems, adaptation,</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Causes that lead to extinction to plants and animals • Needs and interaction in a community • Characteristics of an ecosystems

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T H I R D G R A D E	<p>Jan.-Feb. Central Idea: The decisions we make everyday influence who we are and who we will become.</p> <p>Subject focus: PSE, language</p> <p>Key Concepts: Perspective, reflection, responsibility</p> <p>Related Concepts: Subjectivity, prejudice, truth, opinions, values</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Making decisions in challenging situations • How decisions affect you and others • Decision-makers who have impacted society. 	<p>March-April Central Idea: People migrate in order to meet a variety of needs.</p> <p>Subject focus: Social studies and math</p> <p>Key Concepts: Causation, change</p> <p>Related Concepts: impact, pattern</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Historical migration • Reasons people migrate • The lives of people living in transit • Regions of the host country 	<p>Aug.-Sept. Central Idea: Expressing ourselves in diverse ways contributes to society.</p> <p>Subject focus: Language and arts, science</p> <p>Key Concepts: Function, perspective, reflection</p> <p>Related Concepts: Perception, self-expression</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • The diverse way people express themselves • Individual expressions • The process through which different forms of art is created 	<p>Nov.-Jan. Central Idea: Scientific advances in space impact humanity.</p> <p>Subject focus: Science and social studies</p> <p>Key Concepts: Form, function, change</p> <p>Related Concepts: Properties, systems, transformation</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Applying scientific principles to space concepts • Space technology • Exploring our solar system 	<p>Sept.-Oct. Central Idea: Cities around the world are connected by their common characteristics.</p> <p>Subject focus: Social studies</p> <p>Key Concepts: Connection, function</p> <p>Related Concepts: Interdependence, organization, systems</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Where and why cities form • History and the development of our city • Notable and memorable landmarks of world cities 	<p>April-May Central Idea: Factors of human life effect the environment.</p> <p>Subject focus: Science and social studies</p> <p>Key Concepts: form, change, function</p> <p>Related Concepts: Conservation, biodiversity, pollution, carbon cycle</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Patterns and effects of human impact on the environment • Using the scientific method to investigate the environment • The environmental effects of conservation

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F O U R T H G R A D E	<p>Aug.-Sept.</p> <p>Central Idea: Understanding different ways of learning allow people to understand their own learning styles as well as those of others.</p> <p>Subject focus: PSE and language</p> <p>Key Concepts: Form, reflection, perspective</p> <p>Related Concepts: Diversity, motivation, tolerance, acceptance, self-awareness</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Different learning intelligences • Tolerance and appreciation • Implementation and awareness of individual learning intelligences 	<p>Jan.-Feb.</p> <p>Central Idea: Human exploration may lead to discovery to satisfy people's wants and needs.</p> <p>Subject focus: Social studies and science</p> <p>Key Concepts: Perspective, change, and reflection</p> <p>Related Concepts: Exploration and discovery</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Reasons for exploration • Impact of discovery • Process of exploration 	<p>Feb.-April</p> <p>Central Idea: People express themselves using communication in a variety of ways to exchange information.</p> <p>Subject focus: Language and the arts</p> <p>Key Concepts: Function, change, perspective</p> <p>Related Concepts: Communication</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Development of communication systems • How communication is interpreted around the world • Purposes of communication 	<p>April-May</p> <p>Central Idea: People use science and technology to explore the weather's natural occurrences on Earth.</p> <p>Subject focus: Science social studies</p> <p>Key Concepts: Function, connection, reflection</p> <p>Related Concepts: Weather</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Meteorological concepts and recording and interpreting data • Safety procedures • Natural occurrences around the world 	<p>Oct.-Nov.</p> <p>Central Idea: Societies govern in many ways to create a decision-making structure.</p> <p>Subject focus: Social studies</p> <p>Key Concepts: Function, responsibility, change</p> <p>Related Concepts: Government, decision-making</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Governmental structure • Roles of the citizen • Evolution of governments 	<p>Nov.-Jan.</p> <p>Central Idea: People need water to survive, and they have certain responsibilities regarding their use.</p> <p>Subject focus: Science and social studies</p> <p>Key Concepts: Connection, causation, responsibility</p> <p>Related Concepts: Conservation, supply</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Global finite water • Community water issues • Individual action

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F I F T H G R A D E	<p>Oct.-Dec.</p> <p>Central Idea: Health affects quality of life</p> <p>Subject focus: Science and PSE</p> <p>Key Concepts: Function, connection, responsibility</p> <p>Related Concepts: Health, cycles</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • The human life cycle • Health issues • Disease prevention 	<p>Sept.-Oct.</p> <p>Central Idea: Events of the past impact today.</p> <p>Subject focus: Social studies and language</p> <p>Key Concepts: Causation, change, perspective</p> <p>Related Concepts: Family, impact, prejudice, beliefs</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Colonization of host country • Ways immigrants bring change • Personal histories 	<p>March-May</p> <p>EXHIBITION (2018-2019)</p> <p>Central Ideas: Homelessness occurs globally for a variety of reasons.</p> <p>Changes in the environment effect endangered species.</p> <p>Behavior and communication impact others.</p> <p>Poverty affects and changes in society.</p> <p>Subject focus: Social studies, arts, science and language</p> <p>Key Concepts: Responsibility, Perspective, Reflection, Form,</p>	<p>Aug.-Sept.</p> <p>Central Idea: Forms of energy enhances society.</p> <p>Subject focus: Science and social studies</p> <p>Key Concepts: Function, causation, responsibility</p> <p>Related Concepts: Energy, motion</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Different types of energy and their uses • Nonrenewable resources and sustainability • Conservation of energy • Energy experimentation 	<p>Jan.-Feb.</p> <p>Central Idea: Entrepreneurship strengthens problem-solving.</p> <p>Subject focus: Social studies and math</p> <p>Key Concepts: Function, causation, responsibility</p> <p>Related Concepts: Teamwork, business, ethics</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • The aspects of operating a business • Exploration of careers • The impact of employees on a business 	<p>Feb.-March</p> <p>Central Idea: Diversity commands change.</p> <p>Subject focus: Social studies and language</p> <p>Key Concepts: Reflection, causation, perspective</p> <p>Related Concepts: Revolution, conflict</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Reasons for conflict • Resolution of conflict • Effect on humanity • Contemporary issues

			<p>Function, Causation, Connection, Change</p> <p>Related Concepts: Health, decisions, environmental influences, habitats, ethics, self-awareness, self-expression, self-management, decision making, acceptance, beliefs, communication</p> <p>Lines of inquiry: Solutions to Homelessness (responsibility)</p> <p>Impact on Community (causation)</p> <p>Factors that Lead to Homelessness (form)</p> <p>Daily Life (function)</p> <p>Understanding Empathy (FORM)</p> <p>Difference between Empathy</p>			
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			and Kindness (CONNECTION)			
			Impact of Empathy (CONNECTION)			
			Ways We Can Show Empathy (RESPONSIBILITY)			
			What Poverty Is (Form)			
			Society's Responsibility (Responsibility)			
			Causes of Poverty (Causation)			
			Effects of Poverty (Function)			