

Carrollwood Day School Lower School

Program of Inquiry 2022-2023

T R A N S D I S C I P L I N A R Y	WHO WE ARE <i>An inquiry into:</i> •The nature of 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	WHERE WE ARE IN PLACE AND TIME <i>An inquiry into:</i> •Orientation in place and time •Personal histories •Homes and journeys •Discoveries, explorations, and migration of humankind •The relationship between the interconnectedness of Individuals and civilizations All from global and Local perspectives	HOW WE EXPRESS OURSELVES <i>An inquiry into:</i> •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 for the aesthetic	HOW THE WORLD WORKS <i>An inquiry into:</i> •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	HOW WE ORGANIZE OURSELVES <i>An inquiry into:</i> •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	SHARING THE PLANET <i>An inquiry into:</i> •Rights and responsibilities in the struggle to share finite resources with other people and other living things •Communities ad the relationships within and between them •Access to equal opportunities •Peace and conflict resolution
T H E M E S						

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P r e K 3	Oct-Dec Central Idea: Children learn about themselves and others through exploration. Subject Focus: PSE, math Key Concepts: change, causation, perspective Related Concepts: Similarities and		Jan.-March Central Idea: Signs and symbols are used as a means of communication. Subject Focus: Language, art Key Concepts: Form, function, connection Related Concepts: Visual	March-May Central Idea: The human body allows us to explore our environment Subject focus: Science, art Key Concepts: Connection function, responsibility Related Concepts:	Aug-May Central Idea: Managing ourselves enables us to learn in our school. Subject focus: Social studies, PSE, math Key Concepts: Form, function, responsibility Related Concepts: Organization,	

	differences, growth and transformation Lines of inquiry: • Physical characteristics • Feelings and emotions • Personal preferences Learner Profile: Principled, Reflective Open-minded ATL: Thinking, Research, Communication, Social, Self-Management		communication, pattern impact Lines of inquiry: • A print-rich environment • Visual aids and visual communication • Non-verbal communication Learner Profile: Knowledgeable, Thinker, Communicator ATL: Thinking, Communication	Systems, interpretation Lines of inquiry: • Identifying our five senses • Our bodies to our surroundings • Responsibly moving and working with ourselves and others. Learner Profile: Inquirer, Risk-Taker ATL: Thinking, Research, Communication, Social, Self-Management	independence, self-management Lines of inquiry: • Our daily routine • Self-management • skills • School materials Learner Profile: Caring, Risk-taker, Balanced ATL: Communication, Social, Self-Management	
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P r e K 4	Aug.-May Central Idea: We are caring when we show respect and responsibility for ourselves and our community. Subject Focus: Social Studies, PSE Key Concepts: connection, responsibility, causation Related Concepts: Communication, cooperation, friendship, conservation, and independence	Oct-Dec. Central Idea: There are structural and relational differences within homes. Subject focus: Math, social studies, art Key Concepts: Form, connection, perspective Related Concepts: Structure, similarities and differences, interdependence, networks	March-May Central Idea: Children explore and consider perspectives through stories in a variety of ways. Subject Focus: Language, arts Key Concepts: Connection, perspective Related Concepts: Organization, sequencing, comprehension, presentation	Jan.-March Central Idea: Observation and experimentation can help us understand our world. Subject Focus: Science, math Key Concepts: Form, Function, change Related Concepts: Systems, interdependence, growth, cycles, sequences, transformation		

	Lines of inquiry: • Safety as a responsibility • Creating a classroom community • Ways to solve problems/conflict resolution • Taking care of our planet Learner Profile: Balanced, Reflective, Principled, Caring ATL: Thinking, Research, Communication, Social, Self-Management	Lines of inquiry: • Our homes • Observing structural differences in various global communities and the importance of human systems • Household dynamics Learner Profile: Knowledgeable, Open-minded ATL: Thinking, Research, Communication, Social, Self-Management	Lines of inquiry: • Storytelling • Creating and telling personal stories • Acting out and retelling stories • How stories were adapted and changed Learner Profile: Communicator, Risk-taker ATL: Thinking, Communication, Social	Lines of Inquiry: • Scientific inquiry • The life cycle and the processes of change • Skeletal, structural, working, and systems of living things Learner Profile: Inquirer, Thinker ATL: Thinking, Research, Communication, Social, Self-Management		
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K I N D E R G A R T E N	Aug.-Oct. Central Idea: Our choices can create positive relationships in our lives. Subject focus: PSE, social studies Key Concepts: Form, responsibility, causation Related Concepts: Conflict, consequences, relationships, and communication	Nov.-Dec Central Idea: Children's daily lives are influenced by their location in the world. Subject focus: Social studies, language arts, Science Key Concepts: Connection, change, perspective Related Concepts: Diversity, artifacts, geography	March-May Central Idea: The arts are a tool to extend our ability to create and express ideas. Subject focus: Visual Arts and language arts Key Concepts: Form, function, perspective Related Concepts: Communication and interdependence			Jan.-March Central Idea: Animal survival is dependent on their habitat. Subject focus: Social studies and science Key Concepts: Change, connection, responsibility Related Concepts: Habitats, environmental influences

	Lines of inquiry • Forming friendships in the classroom community • Resolving conflicts • Making choices Learner Profile: Caring, Communicator, Reflective ATL: Thinking, Communication, Social, Self-Management	Lines of inquiry: • Daily routines of children • Significance of geographical location • Commonalities Learner Profile: Knowledgeable, Open-minded, Thinker ATL: Thinking, Research, Communication, Social	Lines of inquiry: • Types of illustrations • Opportunities for expression provided by the arts • Art techniques Learner Profile: Communicator, Risk-taker, Reflective ATL: Thinking, Communication			Lines of inquiry: • Components of a habitat • Endangered animals • Human responsibility Learner Profile: Inquirer, Principled, Balanced ATL: Research, Communication
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F I R S T G R A D E	Sept.-Oct. Central Idea: Families can be defined by roles and relationships wherever they are. Subject focus: Social studies and PSE Key Concepts: Responsibility, form, perspective Related Concepts: Families and roles, communication	April-May Central Idea: People throughout history have made a difference through thoughts, words, and actions. Subject focus: Language and social studies Key Concepts: Connection, perspective, responsibility Related Concepts: prejudice, rights, justice, interactions	Jan.-Feb. Central Idea: Imagination can be a powerful tool for extending our ability to think, create, and express ourselves. Subject focus: The Arts, language Key Concepts: Form, perspective Related Concepts: communication, creative expression, exploration	Nov.-Dec. Under Construction Light and sound Central Idea: Everything on Earth is made of matter and it can go through changes. Subject focus: Science, math Key Concepts: Form, causation, change Related Concepts: chemical and physical changes	August-Sept. Central Idea: Working together builds community. Subject focus: Social studies, math, PSE Key Concepts: Responsibility, connection Related Concepts: Conflict, communication, citizenship	Feb.-April Central Idea: Humans are interdependent within nature. Subject focus: Science and social studies Key Concepts: Function, responsibility, connection Related Concepts: Adaptation, classification, growth, language arts

	Lines of inquiry: ● Relationships within families ● Traditions within a family ● Families around the world Learner Profile: Knowledgeable, Open-minded ATL: Thinking, Research, Communication, Social, Self-Management	Lines of inquiry: ● Contributions of individuals and groups ● Process of the PYP Action Cycle ● Making a difference in our world Learner Profile: Communicator, Reflective, Balanced ATL: Thinking, Research, Social	Lines of inquiry: ● Self-expression through imagination ● Different types of media ● Creative writing Learner Profile: Thinker, Communicator, Risk-taker ATL: Thinking, Communication, Social, Self-Management	Lines of inquiry: ● Introduction of the scientific method ● States and properties of matter ● How matter changes Learner Profile: Inquirer, Risk-taker ATL: Thinking, Research, Communication, Social, Self-Management	Lines of inquiry: ● Ways of working together ● Roles and responsibilities in our school ● Conflict resolution ● Cooperation Learner Profile: Communicator, Principled, Caring ATL: Communication, Social, Self-Management	Lines of inquiry: ● Roles of insects ● Interdependence between humans and insects ● Helpful and harmful bugs Learner Profile: Knowledgeable, Open-minded ATL: Thinking, Research
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S E C O N D G R A D E	Dec.-Jan Central Idea: Beliefs and values reflect our personal culture. Subject focus: Social studies and PSE Key Concepts: Causation, connection, perspective Related Concepts: Culture, beliefs, values	Aug.-Sept Central Idea: Geography supports the orientation and placement in the world. Subject focus: Social studies and language Landforms Key Concepts: Function, connection, perspective, Related Concepts: Organization,	Sept.-Oct. Central Idea: People use their discoveries and ideas to create inventions. Subject focus: Language, arts, and science Key Concepts: Function, causation, perspective Related Concepts: Discovery and innovation	Oct.-Nov. Under Construction Central Idea: Forms of Matter Subject focus: Science Key Concepts: Form, connection, change Related Concepts: Cause and Effect Lines of inquiry: • Comparing	Feb.-March Central Idea: People live, work, and interact within their communities around the world. Subject focus: Social studies and math Key Concepts: Form, function, responsibility Related Concepts: Citizenship, economics, cooperation	April-May Central Idea: Threats to the ecosystem impact us all. Subject focus: Science and social studies Key Concepts: Form, Connection,, responsibility Related Concepts: Conservation, extinction, endangerment, ecosystems,

	Lines of inquiry: • Cultural characteristics • Family traditions • World customs Learner Profile: Communicator, Open-minded ATL: Research, Communication,	navigation, orientation Lines of inquiry: • Content and organization of maps • Reasons for orienting ourselves • Global perspectives Learner Profile: Knowledgeable, Inquirer, Reflective ATL: Thinking, Research, Communication, Social, Self-Management	Lines of inquiry: • Reasons for inventing • Discoveries • Creative thought process Learner Profile: Inquirer, Risk-taker ATL: Thinking, Research, Communication, Social, Self-Management	• Physical Science Learner Profile: Inquirer, Thinker ATL: Thinking, Research, Communication, Social, Self-Management	Lines of inquiry: • Types of communities • Needs and wants of people in a community • Individual roles and responsibilities Learner Profile: Inquirer, Communicator ATL: Thinking, Research, Communication, Social, Self-Management	adaptation, plants, pollination Lines of inquiry: • Causes that lead to extinction to plants and animals • Needs and interaction in a community • Characteristics of an ecosystems • Plants and pollination Learner Profile: Principled, Balanced, Caring ATL: Thinking, Communication, Self-Management
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T H I R D G R A D E	Jan.-Feb. Central Idea: The decisions we make everyday influence who we are and who we will become. Subject focus: PSE, language Key Concepts: Perspective, responsibility Related Concepts: Prejudice, truth, opinions, values Lines of inquiry:	March-April Central Idea: People migrate in order to meet a variety of needs. Subject focus: Social studies and math Key Concepts: Causation, change Related Concepts: impact, pattern Lines of inquiry:	Aug.-Sept. Central Idea: Expressing ourselves in diverse ways contributes to society. Subject focus: Language and arts, science Key Concepts: Function, perspective Related Concepts: Perception, self-expression Lines of inquiry:	Nov.-Jan. Under Construction-Energy Central Idea: Scientific advances in space impact humanity. Subject focus: Science and social studies Key Concepts: Form, function, change Related Concepts: Properties, systems, transformation Lines of inquiry:	Sept.-Oct. Central Idea: Cities around the world are connected by their common characteristics. Subject focus: Social studies Key Concepts: Connection, function Related Concepts: Interdependence, organization, systems	April-May Central Idea: Factors of human life affect the environment. Subject focus: Science and social studies Key Concepts: Form, change, function Related Concepts: Conservation, biodiversity, pollution, carbon cycle

	● Making decisions in challenging situations ● How decisions affect you and others ● Decision-makers who have impacted society. Learner Profile: Inquirer, Principled, Reflective ATL: Thinking, Research, Communication, Social	● Historical migration ● Reasons people migrate ● The lives of people living in transit ● Regions of the host country Learner Profile: Knowledgeable, Inquirer, Risk-Taker ATL: Thinking, Communication	● The diverse way people express themselves ● Individual expressions ● The process through which different forms of art are created Learner Profile: Communicator, Open-Minded, Risk-taker ATL: Research, Communication, Social	● Applying scientific principles to space concepts ● Study of current space technology ● Exploring our space phenomena Learner Profile: Knowledgeable, Balanced, Inquirer ATL: Thinking, Research, Communication, Social, Self-Management	Lines of inquiry: ● Where and why cities form ● History and the development of our city ● Notable and memorable landmarks of world cities Learner Profile: Inquirer, Thinker ATL: Thinking, Research, Communication, Social, Self-Management	Lines of inquiry: ● Patterns and effects of human impact on the environment ● Using the scientific method to investigate the environment ● The environmental effects of conservation Learner Profile: Knowledgeable, Reflective, Caring ATL: Thinking, Research, Communication, Social
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F O U R T H G R A D E	Nov.-Jan. Central Idea: Understanding different ways of learning enable people to respond and reflect on their learning styles as well as those of others. Subject focus: PSE and language Key Concepts: Form, perspective Related Concepts: Diversity, motivation,	Jan.-Feb. Central Idea: Human exploration may lead to discovery to satisfy people's wants and needs. Subject focus: Social studies and science Key Concepts: Perspective, change Related Concepts: Exploration and discovery Lines of inquiry:	Aug.-Sept Central Idea: People express themselves using communication in a variety of ways to exchange information. Subject focus: Language and the arts Key Concepts: Function, change, perspective Related Concepts: Communication, chronological, bias	Sept.-Nov. Central Idea: People use science and technology to explore the weather's natural occurrences on Earth. Subject focus: Science social studies Key Concepts: Function, connection, Related Concepts: Weather, climate, technology, changes	Feb. -April Central Idea: Societies govern in many ways to create a decision-making structure. Subject focus: Social studies Key Concepts: Function, responsibility, change Related Concepts: Government, decision-making, laws	April-May Central Idea: People need water to survive, and they have certain responsibilities regarding their use. Subject focus: Science and social studies Key Concepts: Connection, causation, responsibility Related Concepts: Conservation, supply

	tolerance, acceptance, self-awareness Lines of inquiry: • Different learning intelligences • Tolerance and appreciation • Implementation and awareness of individual learning intelligences Learner Profile: Knowledgeable, Risk-Taker, Balanced, Reflective ATL: Thinking, Communication, Social, Self-Management	• Reasons for exploration • Impact of discovery • Process of exploration Learner Profile: Inquirer, Balanced, Reflective ATL: Thinking, Research, Communication, Social, Self-Management	Lines of inquiry: • Development of communication systems • How communication is interpreted around the world • Purposes of communication Learner Profile: Inquirer, Communicator, Risk-Taker ATL: Thinking, Research, Communication	Lines of inquiry: • Meteorological concepts and recording and interpreting data • Safety procedures • Natural occurrences around the world Learner Profile: Inquirer, Knowledgeable, Thinker ATL: Thinking, Research	Lines of Inquiry: • Governmental structure • Roles of the citizen • Evolution of governments Learner Profile: Knowledgeable, Open-minded, Risk-Taker ATL: Thinking, Research, Communication, Self-Management	Lines of inquiry: • Global finite water • Community water issues • Individual action Learner Profile: Knowledgeable, Principled, Caring ATL: Thinking, Research, Communication, Social, Self-Management
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F I F T H G R A D E	Oct.-Dec. Central Idea: Health affects the quality of life Subject focus: Science and PSE Key Concepts: Function, connection, responsibility Related Concepts: Health, systems, cycles	Sept.-Oct. Central Idea: Events of the past impact today. Subject focus: Social studies and language Key Concepts: Causation, change, perspective Related Concepts: Family, impact, prejudice, beliefs	March-May EXHIBITION(2021-2022) Monty Central Idea: People have a responsibility to communicate safely with others. Lines of Inquiry: Digital Citizenship How online behavior impacts others Dangers on the internet, Effects of online behavior Cyberbullying Youngblood Central Idea: Social media and its effects on individuals and our society. Lines of Inquiry: Uses of social media Effects on children Pros and cons of social	Aug.-Sept. Under Construction-Space Central Idea: Forms of energy enhance society. Subject focus: Science and social studies Key Concepts: Form, causation, responsibility Related Concepts: Energy, motion	Feb.-March Central Idea: Entrepreneurship strengthens problem-solving. Subject focus: Social studies and math Key Concepts: Function, causation, responsibility Related Concepts: Teamwork, business, ethics	Jan.-Feb. Central Idea: Diversity commands change. Subject focus: Social studies and language Key Concepts: Causation, perspective Related Concepts: Revolution, conflict Lines of Inquiry:

	Lines of inquiry: • The human life cycle • Health issues • Disease prevention Learner Profile: Balanced, Knowledgeable, Reflective ATL: Thinking, Research, Self-Management	Lines of inquiry: • Colonization of host country • Ways immigrants bring change • Personal histories Learner Profile: Open-minded, Risk-Taker, Reflective ATL: Thinking, Research, Social, Self-Management	media Fisher Central Idea: The effects of human actions impact the health of our water and animal life. Lines of Inquiry: The impact of water pollution on humans. Impact of water pollution on marine life, Ways to reduce water pollution Viera Central Idea: Our mental well-being can affect our overall quality of life. Lines of Inquiry: Classifications of mental health Physical and mental health during COVID Healthy and unhealthy habits Effects of therapy and animal therapy Rodriguez Central Idea: Choices we make can alter the interdependent relationships between humans and animals. Lines of Inquiry: How animals help humans How humans are harming animals How humans positively impact animals and their environments ALL CONCEPTS, LP & ATL	Lines of inquiry: • Different types of energy and their uses • Nonrenewable resources and sustainability • Conservation of energy • Energy experimentation Learner Profile: Balanced, Reflective ATL: Thinking, Research, Communication, Social, Self-Management	Lines of inquiry: • The aspects of operating a business • Exploration of careers • The impact of employees on a business Learner Profile: Thinker, Communicator ATL: Thinking, Research, Self-Management	• Reasons for conflict • Resolution of conflict • Effect on humanity • Contemporary issues Learner Profile: Caring, Communicator, Risk-Taker, Principled ATL: Thinking, Research
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