KINDERGARTEN

	₩ho U Who We are	••• Where we are 這 in place and time	How we express ourselves	How the world works	✤ How we I organize ourselves	How we
Transdisciplinary Theme	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.	Kindergarten plans 4 of 6 units for Early Childhood	Kindergarten plans 4 of 6 units for Early Childhood	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.
Focus on	<mark>Science</mark> Reading Soc. St. Math Writing <mark>Health</mark>	Science Reading Soc. St. Math Writing Other			Science Reading Soc. St. Math Writing Other	ScienceReadingSoc. St.MathWritingOther
Units of Inquiry	Exploration Central Idea: Exploration helps us learn about the world. Inquiry into: • Five senses • Feelings • Properties of Matter	The History of US Central Idea: People learn values through history and traditions. Inquiry into: • Historical figures • Historical symbols • National holidays and traditions • Rights and responsibilities			CommunitiesCentral Idea: Communities are organized to provide our needs.Inquiry into: • Home, school, and family communities• Maps with natural and man-made features • Needs and wants	<u>Organisms</u> <u>Central Idea:</u> Organisms depend on their environment for survival. <u>Inquiry into:</u> • Organisms: plants, animals, fungi • How environments help organisms survive • Respect for living things
Key Concepts	Form Function Causation	Connection Responsibility Perspective			Form Function Connection	Function Change Responsibility
Transdisciplinary Skills	 Respecting Others Group Decision-Making Listening, Speaking, Nonverbal communication Informed Choices Codes of Behavior Spatial Awareness Time Management 	 Respecting Others Comprehension Codes of Behavior Acquisition of Knowledge Reading Writing Presenting Research Findings Dialectical Thought (multiple viewpoints) 			 Adopting a Variety of Group Roles Acquisition of Knowledge Organization Formulating Questions Observing Presenting Findings Planning Time Management 	 Comprehension Application Formulating Questions Collecting Data Recording Data Organizing Data Interpreting Data Presenting Research Findings

1st GRADE

	Who we are	Where we are in place and time	How we	• How the	●● How we ∃ organize ourselves	How we
Transdisciplinary Theme	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.
Focus on	ScienceReadingSoc. St.MathWritingOther	Science Reading Soc. St. Math Writing Other	Science Reading Soc. St. Math Writing The Arts	Science Reading Soc. St. Math Writing Other	ScienceReadingSoc. St.MathWritingOther	ScienceReadingSoc. St.MathWritingOther
Units of Inquiry	Of the People Central Idea: Governments define the roles of people in a community. Inquiry into: • Organization and functions of government • Citizenship • Democracy • Historical and political figures	Many Faces, Global Places Central Idea: Different cultures are found around the world. Inquiry into: • Family cultures • How people of different cultures are alike and different • Identifying places on a map using symbols & cardinal directions	Express Yourself <u>Central Idea</u> : Reading and writing are forms of expression. <u>Inquiry into:</u> • Fiction and nonfiction text • Features of text • Genres • IB attitudes expressed through literature	As Time Goes On <u>Central Idea</u> : We organize time by the cycles of the sun, moon, and earth. <u>Inquiry into:</u> Movement of the Sun, Moon, and Earth Properties of light and shadows Effects of sunlight on Earth How technology advances the study of Sun, Moon, Planets and Stars	It's All Material <u>Central Idea</u> : The Earth provides materials to meet human needs. <u>Inquiry Into:</u> • Composition of the Earth (land and water) • Properties of soil and water • Properties and uses of earth materials • Producers & Consumers • Needs and wants	Here We Grow <u>Central Idea</u> : Plants provide vital resources to sustain life. <u>An Inquiry into:</u> Plant structures, life cycles and habitats Plant products Environmental effects on plants
Key Concepts	Form Responsibility Reflection	Causation Connection Perspective	Form Connection Perspective	Change Causation Connection	Responsibility Connection Causation	Form Function Change
Transdisciplinary Skills	 Accepting Responsibility Respecting Others Cooperating Group Decision-Making Application Evaluation Listening Speaking Safety Informed Choices 	 Acquisition of Knowledge Analysis Synthesis Dialectical Thought (multiple points of view) Formulating Questions Listening Non-verbal Communication Planning Presenting Research 	 Analysis Dialectical Thought (multiple points of view) Speaking Reading Writing Non-verbal communication Organizing Data 	 Comprehension Formulating Questions Observing Collecting Data Recording Data Organizing Data Interpreting Data Gross Motor Spatial Awareness Time Management 	 Comprehension Reading Formulating Questions Observing Collecting Data Recording Data Interpreting Data 	 Formulating Questions Observing Planning Collecting Data Recording Data Organizing Data Interpreting Data

2nd GRADE

	C Who Image: Who we are	Where we are	How we	••• How the	How we	General How we ∃ share the planet
Transdisciplinary Theme	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.
Focus on	Science Reading Soc. St. Math Writing Other	Science Reading Soc. St. Math Writing Other	Science Reading Soc. St. Math Writing The Arts	ScienceReadingSoc. St.MathWritingOther	Science Reading Soc. St. Math Writing Other	ScienceReadingSoc. St.MathWritingOther
Units of Inquiry	Government Central Idea: Human beliefs and values shape government. Inquiry into: Rules and laws Local, state, and federal government Making and enforcing laws Taxes Roles of leaders	Geography of Communities Central Idea: Geography influences the development of communities. Inquiry into: Map skills/Landforms Urban, rural, suburban How communities change over time Changes in our local community	Culture and Literature Central Idea: Diverse cultures contribute to a nation's heritage. Inquiry into: • Beliefs, customs, and language in literature • Cultural contributions by regions • Recalling stories and music from various cultures related to our nation	Scientific Changes Central Idea: The natural world and its laws produce change. Inquiry into: Physical and environmental changes Properties of matter Weather and seasonal patterns Magnets and motion	Economy Central Idea: Human choices direct our economy. Inquiry into: Goods and services Producers and consumers Supply and demand How human choices influence the economy	Interdependence Central Idea: Humans influence the environment of all living things. Inquiry into: Classification of animals Life cycles Animal adaptations Habitats Interdependence of humans and animals
Key Concepts	Function Connection Responsibility	Causation Connection Perspective	Form Perspective Connection	Form Change Causation	Causation Reflection Responsibility	Function Change Responsibility
Transdisciplinary Skills	 Respecting Others Cooperating Resolving Conflict Group Decision-Making Variety of Group Roles Dialectical Thought Safety Codes of Behavior 	 Respecting Others Acquisition of Knowledge Comprehension Speaking/Rdg/Writing Formulating Questions Gross motor/fine motor Spatial Awareness 	 Respecting Others Resolving Conflict Dialectical Thought (many points of view) Listening/Rdg/Writing Presenting Research Findings 	 Comp./Application Listening/Speaking Formulating Questions Observing, Collecting, Recording, Organizing Data Presenting Research Fine Motor Safety/Informed Choices 	 Accepting Responsibility Analysis, Synthesis, and Evaluation Metacognition Formulating Questions Planning 	 Acquisition of Knowledge Comprehension Analysis, Evaluation Non-verbal Communication Formulating Questions Collecting Data, Recording, Organizing, Interpreting Presenting Research

3rd GRADE

	● Who 這 we are	★ Where we are in place and time	How we express ourselves	い How the world works	➡ How we	How we
Transdisciplinary Theme	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.
Focus on	Science Reading Soc. St. Math Writing Other	Science Reading Soc. St. Math Writing Other	Science Reading Soc. St. Math Writing The Arts	Science Reading Soc. St. Math Writing Other	Science Reading Soc. St. Math Writing Other	Science Reading Soc. St. Math Writing Other
Units of Inquiry	Rollin' Through the Regions <u>Central Idea</u> : Land features affect inhabitants. <u>Inquiry into</u> : • Land and water features in SC & World • Characteristics of a region • How inhabitants use land features	Us vs. Them <u>Central Idea:</u> Conflicts change how and where people live. <u>Inquiry into:</u> • Structures of government • Conflicts between groups of people • Differences in conflicting points of view • Positive and/or negative effects of conflicts	 Rhythm and Rhyme! <u>Central Idea</u>: People can express themselves through poetry. <u>Inquiry into</u>: Individual expression through poetry Various forms and styles of poetry How poets use poetic devices to communicate ideas and experiences 	Science Matters <u>Central Idea</u> : Math helps us understand physical science. <u>Inquiry into</u> : Classifying matter Changes in matter Transfer and path of energy Properties of magnets and electromagnets Measuring matter	Deep in Our Roots <u>Central Idea:</u> Many different groups of people impact today's culture. <u>Inquiry into</u> : • Why people settle and stay in an area • How merging people groups cause cultures to change • How cultural change is evident today	The Domino Effect Central Idea: Changes in the natural world create a domino effect. Inquiry into: • • How organisms are dependent upon natural and unnatural occurrences in their habitats • Characteristics of habitats • Characteristics of plants and animals
Key Concepts	Form Function Connection	Causation Connection Perspective	Form Perspective Reflection	Change Causation Connection	Change Perspective Responsibility	Change Connection Causation
Transdisciplinary Skills	 Respecting Others Group Decision-Making Adopting a Variety of Group Roles Analysis Speaking Writing 	 Resolving Conflict Acquisition of Knowledge Comprehension Dialectical Thought (multiple viewpoints) Speaking/Reading/Writing Non-verbal Communication Gross Motor 	 Comprehension Application Analysis Synthesis Listening/Speaking Reading/Writing 	 Cooperating Group Decision-Making Application Analysis Writing Observing Interpreting Data Presenting Research 	 Accepting Responsibility Acquisition of Knowledge Comprehension Application Reading/Writing Formulating Questions Collecting Data Organization/Time Mgmt. Safety 	 Synthesis Formulating Questions Observing Planning Collecting, Recording, Organizing, and Interpreting Data Presenting Research Findings

4th GRADE

	♥ Who ≝ we are	♥ Where we are in place and time	me How we ∃ express ourselves	ー How the 這 world works	↔ How we i organize ourselves	⊯ How we ≣share the planet
Transdisciplinary Theme	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.
Focus on	ScienceReadingSoc. St.MathWritingOther	Science Reading Soc. St. Math Writing Other	Science Reading Soc. St. Math Writing Other	Science Reading Soc. St. Math Writing Other	Science Reading Soc. St. Math Writing Other	Science Reading Soc. St. Math Writing Other
Units of Inquiry	What's Your Story? Central Idea: Every generation has a story to tell. Inquiry into: • Telling stories from history (primary and secondary sources) • Telling stories of our people (interviews and first-person accounts) • Telling our own stories (current events)	Are We There Yet? Central Idea: Exploration changes history. Inquiry into: Character traits of explorers Reasons people explore Consequences of exploration	Kwe'Kwe', Bonjour, Hola, Hallo, Hello! Central Idea: Evidence of cultural expressions can be traced through time. Inquiry into: • Elements of culture • How people groups express culture differently • Effects of geography (place, climate, etc.) on culture • Effects of culture on history (traditions, conflicts, etc.)	Energy Matters Central Idea: Wave energy helps people communicate. Inquiry into: Properties of light and sound How light and sound interact with the physical world Using energy to communicate	Power for the People! Central Idea: People hold power to change society. Inquiry into: • The power of government • The power of persuasion • Shifts in power structures	On the Move! Central Idea: Humans and animals migrate to meet their needs. Inquiry into: Reasons people and animals migrate Migration cycles and events Impact of migration
Key Concepts	Change, Connection Responsibility Reflection	Causation Change Connection	Form Causation Connection	Form Function Connection	Form Change Responsibility	Causation Change Connection
Transdisciplinary Skills	 Acquisition of Knowledge Dialectical Thought Metacognition Writing Formulating Questions 	 Accepting Responsibility Respecting Others Acquisition of Knowledge Comprehension Application Reading Writing 	 Cooperating Group Decision-Making Adopting Variety of Roles Dialectical Thought Organization Time Management Presenting Research 	 Synthesis Evaluation Non-Verbal Communication Formulating Questions Collecting/Organizing Data Presenting Research 	 Accepting Responsibility Analysis & Synthesis Evaluation Writing Fine Motor Informed Choices 	 Cooperating Resolving Conflict Group Decision-Making Adopting a Variety of Group Roles Listening/Speaking Reading/Writing

5th GRADE

		♥ Where we are ≝ in place and time	How we express ourselves	・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	별 How we 這 organize ourselves	➡ How we ■share the planet
Transdisciplinary Theme	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.
Focus on	ScienceReadingSoc. St.MathWritingOther	Science <mark>Reading</mark> Soc. St. Math Writing Other	Science Reading Soc. St. Math Writing Visual Media	ScienceReadingSoc. St.MathWritingOther	Science Reading Soc. St. Math Writing Other	ScienceReadingSoc. St.MathWritingOther
Units of Inquiry	5 th Grade Exhibition: Central Idea: The Exhibition planner will be created by the 5 th grade class later in the 2017-2018 school year. Inquiry into:	Goodbye! I Must Be Leaving Central Idea: Movement of people creates problems and solutions. Inquiry into: • How the movement of people affects culture and place in a nation • How a nation's heritage reflects the influence of other cultures • How political and governmental systems influence the movement of people	More Than Meets the Eye Central Idea: Images express a variety of perspectives on history. Inquiry into: How the same situation or event can viewed differently How images reveal various perspectives of history How images communicate differently than text	What's the Driving Force? Central Idea: Action activates reaction. Inquiry into: • Opposing forces, both social and political • Laws of physics (force and motion) • How policies and technologies empower nations (Case Study: 20 th century United States)	Follow the Leader? Central Idea: Leaders influence and impact the lives of citizens and society. Inquiry into: Political, cultural, and personal leaders Qualities of leaders Positive and negative influences/impacts Responsibilities of citizens	Ecosystems Central Idea: Interdependence within an ecosystem is essential for organisms' survival. Inquiry into: Dependence/Co- dependence of organisms Influence of nature vs. nurture Man's influence on relationships in an ecosystem
Key Concepts	Connection Change Responsibility	Causation Change Connection	Perspective Form Reflection	Causation Change Function	Causation Connection Responsibility	Change Connection Responsibility
Transdisciplinary Skills	 Application Evaluation Speaking/Reading Formulating Questions Organizing, Interpreting Data Presenting Research Organization Time Management 	 Resolving Conflict Group Decision-Making Adopting a Variety of Group Roles Acquisition of Knowledge Evaluation Metacognition Reading/Writing/Non- verbal Communication 	 Adopting a Variety of Group Roles Analysis Evaluation Dialectical Thought (multiple viewpoints) Observing 	 Application Analysis Synthesis Formulating Questions Observing Planning Organizing Data Fine Motor 	 Accepting Responsibility Resolving Conflict Acquisition of Knowledge Analysis, Evaluation Dialectical Thought Metacognition Listening Non-Verb.Communication Collecting, Interpreting Data Presenting Research 	 Accepting Responsibility Respecting Others Comprehension Analysis Formulating Questions Observing, Collecting, Organizing Data Gross Motor Spatial Awareness Informed Choices