

Scandia Elementary School - PYP-Programme of Inquiry

3rd Grade	Who We Are 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.	Where We Are In Place & Time 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.	How We Express Ourselves 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.	How The World Works 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.	How We Organize Ourselves 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.	Sharing The Planet 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.
Central Idea	SENSE, CENTS AND NON-SCENTS Sharing and understanding perspectives enhances relationships.	OUT OF THIS WORLD Human curiosity encourages us to understand the discoveries of the universe.	HOW ART THOU Forms of creative expression allow people to share their feelings and ideas.	ENERGY EXCITES US Light and sound impact our lives.	LIVE AND LET LIVE Complex systems affect nature and society.	SETTING BOUNDARIES Geography and history influence the development of communities.
Inquiries Into...	<ul style="list-style-type: none"> • Social interaction • Understanding others' perspectives • Developing responsible relationships 	<ul style="list-style-type: none"> • The discoveries of our universe • Human curiosity • Space exploration 	<ul style="list-style-type: none"> • Forms of artistic expressions (dance, music, theater, visual arts) • Sharing thoughts and feelings • Art and music through history 	<ul style="list-style-type: none"> • Properties of light • Properties of sound • How inventions have impacted our lives 	<ul style="list-style-type: none"> • The interconnectedness of nature and society • Ecosystems • Government systems • Body systems 	<ul style="list-style-type: none"> • The development of communities • Mapping and landforms • People, culture and change over time
Key Concepts	Reflection, perspective, responsibility	Function, causation, connection	Form, perspective, reflection	Function, causation, form	Connection, function, change	Connection, change
Related Concepts	Citizenship, roles, behavior	Cycles, systems	Pattern, interpretation	Communication, impact	Systems, growth, interdependence	Interdependence, values, initiative
Trans Skills	Social, communication, self-management	Research, Thinking	Social, communication, self-management	Research, communication, self-management	Research, thinking, self-management	Communication, thinking, research
Profile	Caring, communicator, principled, reflective	Inquirers, thinkers, risk-takers	Open-minded, balanced, communicator, risk-taker	Communicator, inquirer, knowledgeable	Thinker, inquirer, reflective, knowledgeable, balanced	Caring, balanced, principled, reflective
Attitudes	Cooperation, empathy, respect, tolerance	Curiosity, cooperation, enthusiasm, independence	Confidence, creativity, appreciation, tolerance, respect, empathy	Curiosity, cooperation, appreciation	Appreciation, curiosity, cooperation, enthusiastic, tolerance	Respect, appreciation, tolerance, commitment, integrity
Dates	1 9/3 – 10/15	5 3/17 – 4/25	6 4/28 – 6/5	4 1/21 – 3/6	2 10/21 – 11/27	3 12/2 – 1/17

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4th GRADE	Who We Are <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>	Where We Are In Place & Time <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>	How We Express Ourselves <i>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.</i>	How The World Works <i>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.</i>	How We Organize Ourselves <i>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.</i>	Sharing The Planet <i>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.</i>
Central Idea	IB HUMAN! Humans migrate and adapt to geographical regions.	ROAD TRIP! Geospatial skills help us to understand places and regions.	CHOOSE YOUR HERO! Our beliefs and values determine our choice of heroes.	ROCK STARS! Natural materials are changed by physical forces and engineered for human use.	AS SEEN ON TV! Capital resources and governmental systems impact our communities.	ENERGY DRINK! People share water and energy as essential resources.
Inquiries Into...	<ul style="list-style-type: none"> • Human migration • The human side of geography • Adapting to new locations 	<ul style="list-style-type: none"> • Characteristics of geographic regions • Understanding geospatial skills • The connection between geography and people 	<ul style="list-style-type: none"> • Understanding principles and ideals • The impact of heroes on society • Traits and characteristics of a hero 	<ul style="list-style-type: none"> • How natural materials are formed • Earth's physical forces • Human use of natural materials 	<ul style="list-style-type: none"> • National and tribal governments and how they interact • Factors that influence economic decisions • Capital resources 	<ul style="list-style-type: none"> • Water as an essential resource • Environmental ecology • Producing and using energy
Key Concepts	Perspective, reflection, function	Connection, form	Reflection, perspective, causation	Change, form, causation	Connection, responsibility	Responsibility, change
Related Concepts	Behavior, beliefs, roles	Interdependence, differences, similarities	Impact, beliefs, opinion	Differences, pattern, impact	Interdependence, citizenship, rights	Rights, conservation, adaptation
Trans Skills	Research	Thinking	Communication	Thinking	Research, Communication	Social, Self-Management
Profile	Balanced, open-minded, communicator	Knowledgeable, reflective	Risk-taker, open-minded communicator	Thinker, inquirer	Open-minded, balanced	Principled, caring
Attitudes	Tolerance, respect, appreciation	Commitment, confidence	Creativity, enthusiasm	Curiosity, appreciation	Empathy, curiosity	Cooperation, commitment, integrity
Dates	5 March - April	3 December - January	1 Sept. – Mid Oct.	2 Mid Oct – Nov.	6 April - May	4 January - March

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Central Idea	CH-CH-CHANGES The changes and choices people experience affect their sense of self.	THERE'S GONNA BE A REVOLUTION Revolution stems from human desire for change.	EXPRESS YOURSELF Creativity helps people show how they interpret the world around them.	MAY THE FORCE BE WITH YOU The role natural science plays in our society impacts humans.	MONEY, MONEY, MONEY The material welfare of humankind motivates behavior.	WALL-E WORLD People's choices affect Earth's natural resources.
Inquiries Into...	<ul style="list-style-type: none"> • Cells and change • Nutrition and exercise • Puberty • Consequences of decisions 	<ul style="list-style-type: none"> • Reasons for conflict • Revolution • How events and individuals cause change 	<ul style="list-style-type: none"> • Artistically talented people • Creativity • Impact of imagination 	<ul style="list-style-type: none"> • The laws of physics • Simple machines • Impact of science on humans 	<ul style="list-style-type: none"> • Economic structure in society • Citizenship and government • Exploration of the world 	<ul style="list-style-type: none"> • Earth's natural resources • Choices and conservation • Weathering and erosion
Key Concepts	Function, change, responsibility	Change, perspective, reflection	Form, connection, reflection	Causation, connection	Causation, function, perspective	Responsibility, perspective, change
Related Concepts	Growth, transformation, values	Beliefs, transformation, behavior	Interpretation, pattern, difference	Relationships, homeostasis	Systems, consequences, behavior	Initiative, beliefs, opinion
Trans Skills	Self-management, social	Thinking, research	Communication, thinking	Research, thinking	Social, self-management	Research, communication
Profile	Balanced, principled	Risk-taker, caring	Open-minded, communicator	Thinker, reflective	Inquirer, knowledgeable	Knowledge, reflective
Attitudes	Commitment, empathy	Enthusiasm, tolerance	Appreciation, creativity	Curiosity, confidence	Independence, integrity	Cooperation, respect
Dates	4 Jan. 2 – Feb. 14	6 April 7 – May 30	3 Nov. 18 – Dec. 20	2 Oct. 21 – Nov. 15	1 Sept. 3 – Oct. 18	5 Feb. 17 – April 4