

Scandia Elementary School - PYP-Programme of Inquiry

Kindergarten	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	WHAT DO YOU WANT? Personal needs and wants are satisfied by goods and services.	ME ON A MAP Maps help us find our place in the world.	EVERYONE CELEBRATES Celebrations have unique properties that have similarities and differences.	LOOK OUTSIDE! Seasons influence our activities.	SCHOOL'S IN! The school community functions more effectively with rules and routines.	IS IT ALIVE? Living and non-living things interact to create communities.
Inquiries Into...	<ul style="list-style-type: none"> • Characteristics of needs and wants • Characteristics of goods and services • Needs and wants of individuals, families and communities 	<ul style="list-style-type: none"> • Where we live in the world • The tools used to locate ourselves in place and time-spatial awareness • Characteristics of maps and globes 	<ul style="list-style-type: none"> • Properties of celebrations • Why people celebrate • Differences and similarities with celebrations 	<ul style="list-style-type: none"> • Seasonal differences and changes • How seasonal changes affect living things • How we change activities based on seasonal changes 	<ul style="list-style-type: none"> • Communities to which we belong • The purpose of rules and routines • The function and properties of a school 	<ul style="list-style-type: none"> • Characteristics of living and non-living things • Sorting and classifying • How natural systems interact to create a community
Key Concepts	Causation, function	Perspective, form	Form, perspective,	Change, causation	Responsibility, function	Connection, reflection
Related Concepts	Consequences, relationships, interdependence	Properties, transformation	Similarities, differences, beliefs	Cycle, pattern	Citizenship, rights, behavior	Systems, similarities, differences
Trans Skills	Social, communication	Thinking, communication	Social	Research, thinking	Self-management	Research
Profile	Balanced, communicator	Inquirer, knowledgeable	Communicators, risk-takers, open-minded	Thinker, reflective	Principled, caring	Thinker, inquirer
Attitudes	Cooperation, respect	Independence and confidence	Curiosity, tolerance, creativity	Appreciation, enthusiasm	Integrity, empathy	Curiosity, commitment
Dates	2 October -November	5 March – Mid April	3 Dec. - Mid January	4 January - February	1 Sept – Mid October	6 Mid April - May

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1st 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	I LIKE ME! We are unique individuals with our own beliefs, values and responsibilities.	FAR AND AWAY! Journeys create opportunities for people to experience change.	PICTURE PERFECT! People share stories in different ways.	SURVIVOR! Survival in diverse environments requires adaptation.	TOOL TIME! The tools we use help us gather information and investigate.	WE'RE ALL IN THIS TOGETHER! Cooperation is necessary for peaceful societies.
Inquiries Into...	<ul style="list-style-type: none"> Personal beliefs and values Characteristics that make us unique Democratic responsibilities 	<ul style="list-style-type: none"> Connections between opportunities and migration Historical journeys of people How experiences create family life Change that results from journeys 	<ul style="list-style-type: none"> Sharing oral stories How images demonstrate author's intent How written words can tell a story Ways music can create stories 	<ul style="list-style-type: none"> How living things adapt Survival requires interdependence Diversity of living things in their environments 	<ul style="list-style-type: none"> Maps as tools Scientific investigations How gathering information helps scientists 	<ul style="list-style-type: none"> Civic participation and responsibility How peaceful societies handle conflict How cooperation leads to effective communication
Key Concepts	Responsibility, function, reflection	Perspective, change, connection	Form, causation, connection	Causation, change, connection	Form, function, perspective	Responsibility, connection, function
Related Concepts	Communication, role, citizenship, values	Relationships, networks, behavior	Properties, patterns	Interdependence, systems, consequences	Structure, patterns	Relationships, interdependence, rights, initiative
Trans Skills	Social, self-management, research	Research	Self-management, communication	Communication, thinking	Thinking	Social, self-management
Profile	Open-minded, caring	Risk-taker, balanced	Communicator, thinker	Inquirer, knowledgeable	Knowledgeable, communicator	Principled, reflective
Attitudes	Tolerance, respect, empathy	Curiosity, confidence, independence, enthusiasm	Creativity, appreciation	Commitment, cooperation, independence	Confidence, appreciation	Integrity, respect
Dates	1 Sept – Mid October	4 January - February	6 Mid April - May	3 Dec. - Mid January	5 March – Mid April	2 October -November

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2nd 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	GET SQUIRRELY, BE A HEALTH NUT Decisions we make influence our health.	WEATHER IS COOL Weather affects our lives.	ART IS A PART OF US ALL Indigenous peoples express themselves through the arts.	STAY ENERGIZED Force and motion impact society.	REACH FOR THE STARS All citizens make choices and set goals.	GROW, GROW, GROW YOUR PLANTS Plants are a part of all habitats.
Inquiries Into...	<ul style="list-style-type: none"> • Daily habits and routines • Dietary choices • How exercise impacts our health 	<ul style="list-style-type: none"> • Causes of weather • How we observe, measure and predict weather • How weather affects our lives 	<ul style="list-style-type: none"> • Cultures revealed through literature • Cultures revealed through art and music • Appreciating art in everyday life 	<ul style="list-style-type: none"> • What is force • Different types of force • How force affects motion (push, pull, gravity, friction) • How humans use force and motion in society 	<ul style="list-style-type: none"> • Essential agreements • Impact and consequences of choices • Governing rules and citizenship • Setting goals 	<ul style="list-style-type: none"> • Needs of plants • Characteristics of plant structure and function • Adaptations allow plants to live in specific habitats • Interdependence of plants, animals and humans
Key Concepts	Responsibility, reflection, connection	Change, causation, connection	Perspective, reflection	Function, causation, form	Responsibility, reflection, perspective	Change, causation, function
Related Concepts	Behavior, values	Systems, patterns	Interpretation, opinion, beliefs	Properties, structure, impact	Behavior, citizenship, initiative	Cycles, adaptation, growth
Trans Skills	Self-management	Research	Thinking	Research, self-management	Social	Communicating, social, thinking
Profile	Principled, balanced	Knowledgeable, thinker	Open minded, communicator	Inquirer, thinker	Risk-taker, reflective, caring, principled	Caring, communicator, inquirer
Attitudes	Enthusiasm, commitment	Respect, appreciation, cooperation	Tolerance, creativity, appreciation	Curiosity, cooperation	Empathy, confidence, integrity	Independence, curiosity, appreciation
Dates	4 March – Mid April	2 October - November	5 January - February	3 December – Mid January	1 Sept – Mid October	6 Mid April - May