

# Sand Creek International School Primary Years Programme of Inquiry

Updated: 6/18/2021	Transdisciplinary Themes & Descriptors	Who We Are	How We Organize Ourselves	How We Express Ourselves	Where We are in Place & Time	How the World Works	Sharing the Planet
<b>Grade Level</b>		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 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 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 orientation in place and time; personal histories; homes and journeys; the discoveries, explorations and migrations of humankind; the relationships between and the interconnected-ness of individuals and civilizations, from local and global perspectives.	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 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.
<b>Kindergarten</b>	Central Idea	Cultures around the world influence children's experiences.	Physical characteristics help us describe our world.	A community is influenced by its members.	The past influences the present and the future.	The physical world has laws in which objects can move in a variety of ways	Organisms form connections in nature.
	Lines of Inquiry An inquiry into...	maps and globes	ways objects and organisms can be sorted(perspective)	the roles and cooperation in a classroom community(responsibility)	the past, the present and the future (perspective)	how objects move	How organisms get what they need to survive
		children in different cultures	how we use our senses to describe our world(form)	what makes each person unique in a community(reflection)	how society has evolved over time (change, reflection)- transportation, education, housing, food	force and motion and how it can be described	How organisms can adapt to their environment.
		where and how people live in different places around the world	how perspective impacts the ways an object can be sorted (perspective, change)	characteristics of a scholar(form)	how daily life has changed over time(change, reflection)- toys, clothes, food	how motion can be altered when variables are changed	Relationships between plants and animals and their environments
	Key Concepts	Reflection	Form	Reflection	Perspective	Change	Change
		Perspective	Perspective	Responsibility	Change	Causation	Connection
		Connection	Change	Form	Connection	Function	Responsibility
<b>1st grade</b>	Central Idea	We share our experiences through storytelling to build understanding.	The way that people work together impacts their community.	People communicate in a variety of ways to express themselves	The past and present impact the future	Patterns impact daily life	Traits and skills help living things to function within systems.
	Lines of Inquiry An inquiry into...	The different parts of a fictional text	The different types of community and how they function	The purpose of communication	How culture determines the way people live	cycles in our world	Different systems in our world
		Ways to communicate effectively	How different parts work together	Forms of expression	How people can make an impact on others	the sun, moon, stars	Importance of structures/systems
		Structures of language (numbers/word problems, text, and sentences)	How individuals roles in a community	Light and sound	The significance of past, present, and future	the cause of cycles and patterns	Similarities and differences of traits
	Key Concepts	Form	Form	Form	Perspective	Function	Form
		Perspective	Function	Function	Connection	Causation	Function
		Function	Responsibility	Perspective	Connection	Causation	Connection
<b>2nd Grade</b>	Central Idea	People use strategies to solve problems	The way citizens manage resources impact future generations.	Morals, values and events shape communities and cultures.	Forces change the natural world over time	When observing characteristics and properties of matter, discoveries are	Living things create interdependent relationships to survive
	Lines of Inquiry An inquiry into...	different types of solutions to problems	where resources are found	Morals and values across cultures	what causes changes in the natural world	Forms of matter and where they come from	types of living things
		actions that can be taken to impact a community	how financial decision-making affects short- and long- term goals	Different perspectives	earth's changes over time	how materials are used for different purposes	how habitats meet the needs of living things
		how people impact change	how communities manage resources and how that impacts the future	How events shape communities.	landforms	how temperature changes properties and characteristics	how living things interact with one another
	Key Concepts	Causation	Form	Perspective	Change	Form	Form
		Change	Responsibility	Connection	Causation	Function	Function
		Responsibility	Connection	Responsibility	Form	Change	Connection
							Causation
<b>3rd Grade</b>	Central Idea	Storytelling and traditions connect people across time and cultures.	Relationships impact systems	People express their beliefs and values through words and action to make a difference in the world.	Human interactions change regions	Relationships impact the natural world	Patterns cause change
	Lines of Inquiry An inquiry into...	timeless stories and traditions	decisions and their impact on everyday life	how change happens as a result of people's actions, beliefs, and values	how regions are impacted over time	characteristics of a region (form)	patterns of the natural world
		how stories teach similar lessons across cultures	different types and roles within structures	different types and roles within structures	who are the people who migrate and settle in a region	the growth and development of organisms (change)	types of natural hazards (to include biological, geological, meteorological, hydrological)
		how stories and traditions connect people across time	the impact of patterns	how point of view is based on beliefs and values	the characteristics of a region (similarities and differences)	physical and behavioral traits (causation)	the human response to natural hazards
	Key Concepts		how cause and effect relationships explain change				the impact of force
		Perspective	Form	Change	Causation	Form	Causation
		Connection	Function	Perspective	Change	Causation	Change
		Connection	Connection	Responsibility	Connection	Change	Form
<b>4th Grade</b>	Central Idea	Change created by one affects another	Rights and responsibilities vary in different settings	Communication fosters development	Relationships cause change in an area	Structures support the function of the natural world.	Processes shape the earth and our communities

4th grade	Lines of Inquiry An inquiry into...	how migration is influenced by geography and economic opportunities (causation, change)	how systems are created, structured, maintained, and changed	different ways to communicate ideas	how relationships help us to make sense of the world we live in (causation, perspective)	internal and external structures that plants and animals use to survive.	how connectedness and relationships affect the earth
		where a person lives influences how a person lives (causation)	how rights and responsibilities of citizens both individually and collectively influence systems	communication as a way to care for self and others	the perspectives of various groups in an area (perspective)	how waves and wavelengths transmit information.	how the earth changes over time
		why change, progress and growth can be viewed from a variety of perspectives (change, perspective)	how systems balance the rights of individuals with the common good	how stories and the aesthetic fill the need to explain the world around us	how an area changes over time (change)	the varied effects that involve light.	how natural hazards affect individual and societies
		how to determine if the benefits outweigh the risks (causation)				how energy is transferred.	
	Key Concepts	Change Perspective Causation	Responsibility Form Function	Form Causation Responsibility	Causation Change Perspective	Form Function Causation Connection	Connection Change Causation
5th Grade	Central Idea	Humans influence and the world around them.	Sustainability requires informed action (Exhibition)	Humans influence others through words and actions	Forces and decisions shape the world in which we live.	Patterns explain change	Matter and energy are transferred between living things
	Lines of Inquiry An inquiry into...	the interconnectedness of systems	Investigating sustainable development goals (SDGs)	the structure and impact of forms and purposes of writing (Form, Perspective)	how systems shape the world	the universe and stars	energy and chemical processes in everyday life
		how humans influence societal systems	Action that can be taken to impact world problems	expressing ideas in different disciplines (Perspective)	how the natural world interacts	how the Earth's orbit creates patterns (clothing, migration of animals/people)	interdependent relationships in ecosystems
		the rights and responsibilities of being human		scientific investigations (Form, Causation)	human impact on systems	the importance of visual representations of data	how cycles of matter and energy transfer in ecosystems
	Key Concepts	Function Responsibility Connection	Responsibility Change Connection	Causation Perspective Form	Responsibility Connection Causation	Change Function Causation	Function Connection Causation Change