

Grade		How the World Works	How We Organize Ourselves	Sharing the Planet	How we express ourselves	Where We Are in Time and Place	Who we are
K	Unit Name	Materials	Safety	Sharing	Patterns	Homes	Health
	Central Idea	People use and change materials to suit their needs	Staying safe depends on reflecting and acting on what we observe	In a classroom community our interactions and sharing of resources effects everyone	People use patterns to express ideas and share culture	Homes differ because of location and the people who live in them	Our choices affect our well-being
	Inquiry	The properties of different materials How properties effect us How we change materials Why we change materials	How our actions keep us safe Safety equipment People who help us stay safe	Student responsibilities within the classroom Sharing of class resources Avoiding or resolving conflict	Where patterns are found What makes a pattern How people use patterns to express themselves	What makes a home unique Different kinds of homes How homes change	<ul style="list-style-type: none"> • Healthy choices in our families • How our choices affect our health • What balance means in our lives
	Key Concepts	change, function and form	reflection, function, causation and responsibility	responsibility, causation, connection, perspective	function, connection	perspective, change, reflection, form	function, responsibility, causation
1	Unit Name	Let's Play	Signs and symbols	Creepy Crawlies	Tell me about it	Then and Now	We can work it out
	Central Idea	Forces can be discovered and applied through the investigation of different designs	Signs and symbols facilitate local and global communication	Mini-beasts exist in specific conditions and generate food,danger and balance in our world	Storytellers entertain through performance	The changes of today have been shaped by the discoveries of the past	People form opinions about us because of the things we do and say
	Inquiry	How designs move or balance How changing conditions affect how things move or balance The relationship between cause and effect	iconography how visual language facilitates communication why do we have signs and symbols	What mini beasts look like Where mini beasts might be found How mini-beasts contribute to balance in the environment	What makes stories interesting How emotions can be expressed The kinds of stories people tell and have told in the past	Connections between then and now Technology, transportation, housing, toys, clothing, school Why we should care about the past	The things we do and say The possible opinions people might form based on these interactions Responding vs reacting
	Key Concepts	Causation, Change, Function Related Concept - Design	function, connection Related Concept - Representation	Responsibility and Connection Related Concept - interdependence	Reflection and perspective Related Concept - Expression	Change, Connection Related Concept - Progress	Perspective, Reflective, Responsibility Related concepts - self awareness
2	Unit Name	States of Matter (6)	Community (1)	Plants (5)	Build It! (2)	Regions (4)	Celebrations (3)
	Central Idea	Matter exists in different states that have observable properties	Our school is an important community that is organised so that we can work learn and play together	Plants have specific needs in order to grow and stay healthy	Through exploring our creativity, values, and feelings, we can improve the aesthetics of structures we build.	Regions of the world have distinctive features to which all life forms adapt themselves	We can find commonalities in the ways we celebrate
	Inquiry	Properties of solids Properties of liquids Interactions of solids and liquids with water	People who make up the school community Roles and responsibilities	How plants grow and change Conditions plants need in order to flourish Our responsibility towards plants	Different building shapes and their properties The structure of buildings and bridges The shapes used in making different stable weight bearing structures	Regions of the world Geographical features Attractions of places and adjustments for living there	What people celebrate How people celebrate How our cultural beliefs and values encourage connection
	Key Concepts	Form, change, reflection	Responsibility, form and connection	Form and connection	Form and connection	Concepts, connection, change, form and causation	Connection and perspective
3	Unit Name	The Changing Earth (6 weeks)	Time (6 weeks)	Water (7 weeks)	Visual and Performing Arts (6 weeks)	Tashkent, Cities (6 weeks)	Knowing Myself (6 weeks)
	Central Idea	Human survival is connected to understanding the continual changing nature of Earth	Systems of time measurement are used to meet the needs of people and communities.	Earth's growing population challenges us to reduce the strain we put on our natural resources.	Through the arts people use different forms of expression to convey their uniqueness as human beings.	Changes in leadership can transform cities and their structures	Self awareness and metacognition allows for growth both personally and collectively

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	Inquiry	How the different components of the earth are interrelated. How and why the earth has changed and is continuing to change. Human influence on and response to the Earth's changes	How systems of measurement have changed Ways time is measured Reasons for measuring time How we use our time	The movement of water on Earth Personal and community uses of water Human impact on water Ways that we can use resources wisely	The diverse ways in which people express themselves How everyone can express their uniqueness through the arts The role of art in culture and society	How a city changes over time How people live in a city Reasons people move into/out of cities	Learning styles and intelligences Factors that shape who I am (e.g. families/culture/genes) How people build teams to accomplish common goals
	Key Concepts	Form, causation, change Related concepts - energy, movement, force	Function, causation, change Related concepts - measurement, organization	reflection, responsibility, connection Related concepts: conservation and sustainability	Function, perspective, reflection Related concepts - communication; self-expression	Form, causation, change Related concepts - location	Perspective, connection, reflection Related concepts - self concept, identity
4	Unit Name	Weather 6 weeks	Money 5 weeks	Food 5 weeks	Artifacts 7 weeks	Migration 7 weeks	All systems go - human body 7 weeks
	Central Idea	Nature and humans can impact the weather	Money in its different forms allows economies to function	Providing food is complex and presents challenges	Artifacts tell us about the people who created them	Human migration is a response to challenges, risks, and opportunities	Our bodies consist of systems that work together for us to remain healthy
	Inquiry	Variants of weather (sunlight, air and water) How variables in the atmosphere cause different types of weather Climate v weather	Exchange rates The study of value in society Physical aspects of money History of money	Food production (seasonal) Food distribution Sustainability	Varieties of cultural expression What artifacts tell us about people	Reasons for migration Means of migration Consequences of migration	Key body systems and how they work interdependently Keeping our bodies healthy
	Key Concepts	causation, change	function and form, perspective and causation	function, causation, responsibility	perspective, form and function	perspective, connection, causation	function, connection and responsibility
5	Unit Name	Processes (6 weeks)	Energy (5 weeks)	Energy (5 weeks)	Persuasion (6 weeks)	Transition (5 weeks)	Exhibition (7 weeks)
	Central Idea	Humans create processes and tools to meet needs and wants	Energy may be converted, transformed, used and shared to support human needs, wants and progress	Energy may be converted, transformed, used and shared to support human needs, wants and progress	Art and language can be powerful persuaders	Significant changes often mark the development of people and societies	Significant changes often mark the development of people and societies
	Inquiry	1) Problems solved by processes and tools 2) Similarities and differences among human made processes 3) Tools and strategies within processes	1) An inquiry into what is energy 2) An inquiry into how energy is used and shared 3) An inquiry into sustainable energy practices FOSS kits: Magnets/Electricity and Solar Energy	1) An inquiry into what is energy 2) An inquiry into how energy is used and shared 3) An inquiry into sustainable energy practices FOSS kits: Magnets/Electricity and Solar Energy	1) An inquiry into what is persuasion 2) An inquiry when, why and how are art and language are used persuasively 3) An inquiry into the different techniques used to persuade (pathos, logos, ethos, etc.) 4) An inquiry into our responsibility and understanding of how persuasion can influence our decisions	Rites of passage How rituals and transitions contribute to cultural identity How to deal with change and transition	Rites of passage How rituals and transitions contribute to cultural identity How to deal with change and transition
	Key Concepts	* Form * Function * Causation * Connection Related concepts - innovations	* Form * Causation * Responsibility Related	* Form * Causation * Responsibility Related	* Form * Responsibility Related concepts; persuasion	Form Function Change Connection Responsibilities	Form Function Change Connection Responsibilities

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PS 1	Unit Name		Homes and School (7 weeks)	Animals (9 weeks)	I can create (9 weeks)		Me and You (8 weeks)
	Central Idea		Groups of people share spaces	People and animals have different relationships and needs depending on their environment	We express our thoughts and ideas in many different ways		We all have important people in our lives
	Inquiry		What we need to feel comfortable at home or school Different kinds of homes Who shares our homes and school environment. How we organize our classroom by comparison to our homes	Groups of animals and their needs Our relationships with different groups of animals	different media (books, film, puppets, story boards) different forms of expression ie. role & imaginative play, music & movement, art & craft		My role in a family My role as a friend Why we value friends and family What responsibilities and choices we make
	Key Concepts		function and connection	connection, responsibility	form and perspective		perspective, responsibility
PS 2	Unit Name	Shadows and light			Move It!	Journeys	Play and Learn
	Central Idea	Changes in light create differences in shadows and reflections/ Art/ Drama: shadow puppet show			We can express our feelings and ideas through music and movement/ PE/ Music/ Drama/ Russian	We adapt in different ways according to where and when we travel /Art	We play to learn, explore and have fun/ PE / Music /
	Inquiry	Different sources of light How light travels How shadows are made and changed			Reasons for dancing How music influences movement What we communicate in our dances	Activities we choose when we travel How we adapt to new places Choices we make when we travel	The connection between play and learning play around the world The social elements of play
	Key Concepts	causation, reflection and change			causation reflection	perspective and change	Function, responsibility and connection
RI 1	Unit Name	Shadows and light			I can make it	Journeys	Me and you (? weeks)
	Central Idea	Changes in light create differences in shadows and reflections			The creative use of materials allows us to express ourselves in new ways	We adapt in different ways according to where and when we travel	We all have important people in our lives
	Inquiry	Different sources of light How light travels How shadows are made and changed			The basic properties of materials The creative use of materials How we communicate and interpret our ideas	Activities we choose when we travel How we adapt to new places Choices we make when we travel	Who we think is important in our lives Our role with the important people in our lives
	Key Concepts	causation, reflection and change			form and change	perspective and change	Perspective Responsibility Related concepts - interdependence
RI 2	Unit Name	Play and Learn					
	Central Idea	We play to learn, explore and have fun					
	Inquiry	The connection between play and learning play around the world The social elements of play					

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Key Concepts	Function, responsibility and connection					