Akal Academy, Baru Sahib Programme of Inquiry –2023

110gramme of iniquity 2020						
Theme	Who we are	Where we are in	How we express	How the world	How we organize	Sharing the
		place and time	ourselves	works	ourselves	planet
Grade	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 relationship 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 other living things; communities and the relationship within and between them; access to equal opportunities; peace and conflict resolution.
	An inquiry into the nature of the		An inquiry into the ways in which	An inquiry into the natural world		An inquiry into communities and the
	self		we reflect on extend and enjoy our	and its laws		relationship within and between
	Central Idea:		creativity	Central Idea:		them
	Learning about self and others can increase		Central Idea:	Seasons and weather		
	understanding		Colors convey ideas and	change every day's life.		Central Idea:
	Lines of Inquiry:		emotions	Lines of Inquiry:		Living beings require specific things to grow and stay healthy
	How I see myself		Lines of Inquiry:	Different types of weather		
	Our similarities and		Colors around us	Seasons vary and change		Lines of Inquiry:
	differences		 What colors convey 	Human activities during changes		Living and non-living things
	Me as a group		 Exploration of new 	Key Concepts		 Our needs and the needs of other living things
	Key Concepts		colorsKey Concepts	Form, Change, Causation		 Our responsibility for the wellbeing
	Perspective, Form, Connection		Form, Function, Change			of other living things
				Related Concepts		5 5
	Related Concepts		Related Concepts	Differences; Sequences; Consequences		Key Concepts
	Opinion; similarities and		Properties; Differences;	Consequences		Form, Causation, Responsibility
	differences; Relationship		Communication, Transformation	Learner Profile Attributes:		Related Concepts
Grade -	Learner Profile Attributes:		Learner Profile Attributes:	Knowledgeable, Reflective thinker		Similarities and differences;
Nursery	Balanced ,Caring and		Inquirer, Open-minded,	Approaches to learning: Communication skills (Exchanging		Consequences; Initiative
	Courageous		Communicator	information)		Learner Profile Attributes:
	Approaches to learning:		Approaches to learning:	Self-management skills (State of		Caring , Principled thinker
	Social skills (Interpersonal		Research skills (Information	mind, Organization)		Approaches to learning
	relationships, Social and emotional		literacy)	Thinking Skills (Critical thinking)		Communication skills (Symbolic
	intelligence) Communication Skill (Exchanging		Thinking skills (Critical thinking,	Subject focus:		exploration and expression)
	information)		Information transfer) Social Skill (Interpersonal	Social studies –Continuity and change		Social Skill (Interpersonal
	Subject Focus:		relationships, Social and emotional	through time (Movement), Human		relationship, Social and emotional intelligence)
	Social studies- Social organization		intelligence)	and natural environment (Impact,		, , , , , , , , , , , , , , , , , , ,
	and culture9Cmmunication, Family)		Subject focus:	Location), Science – Earth and space (seasons,		Subject focus:
	Mathematics –Numbers(Number value, Counting)		Mathematics –Number(Counting,	Weather, Climate),		Science – Living things (Animals. Plants, Categorization),
	Measurement(Comparison)		Comparing, Pictorial addition) Pattern and function, Arts - Responding and	Language –O,V,W,		Mathematics –Numbers, Data
	Arts -Responding, PSPE-		creating, Science – Material and	Mathematics – Shapes and space (2-D		Handling (Pictograph, Sorting)Shapes
	Identity(Self, Behavior)		Matter (Properties, Uses),	shapes) Measurement (Comparison)		and space(Position, Direction),
	Active living(Body forms) Interactions(Safety, Team work),		Language -O.V,W, PSPE-	Pattern and functions(Patterns, Boundaries)		Language – O,V,W Social Studies –Human and natural
	Science- Living things(Human body		Interactions (Cooperation), Active	PSPE – Interactions(Safety) Active		environment(Dependence)
	parts, Growth),		living (Fine and Gross motor development)	living(Hygiene)		Arts – Responding,, Creating
	Language(O,V,W)		SDGs – Nil	Arts -Creating		PSPE – Identity (Growth)
	SDGs - Nil		Duration:	SDGs – 13		Interactions(Environment)
	Duration:		10 July- 23 Sept. 2023	Duration:		SDGs – 14, 15
	1 March-6 May 2023			8 May-8 July 2023		Duration:
						25 Sept -30 Nov 2023

relationships including family and friends, communities and culture. Central Idea

An inquiry into human

Relationships require social interaction to form and grow.

Lines of inquiry

- Developing relationships
- · Learning from our relationships
- Responsibilities in relationships

Key Concepts

Form, Function, Responsibility

Related Concepts

Structure, Behavior, Values

Learner Profile Attributes

Communicator, Open minded, Principled

Approaches to learning:

Social skills (Interpersonal relationships, Social and emotional intelligence) Communication skills (Exchanging information)

Subject Focus:

Social Science - Social organization and culture(Communication, Family, Roles) Arts - Creating PSPE- Interaction (Interdependence, Justice)

Identity (Character, gender, Fulfillments) Language – O,V,W Mathematics – Numbers, Data Handling(living Graphs)

SDGs - Nil

Duration:

27 Feb - 15 April 2023

An inquiry into orientation in place and time

Central Idea

Design of toys change over time

Lines of inquiry

- Evolution of toys
- Design and working of toys
- · Sharing and caring of toys

Key Concepts

Change, Function, Responsibility

Related Concepts

Transformation, Motion, Technology, Values, Initiative

Learner Profile Attributes

Inquirer, Reflective thinker, Caring

Approaches to learning:

Research skills (Information literacy skills)

Thinking skills (Critical thinking, Information transfer)

Subject Focus:

Science - Force and energy (Forms of energy, Technological advances) Mathematics - Shape and space(2-D) Social Studies - Continuity and Change(History, Exploration, Innovation)

PSPE – Interaction(belongings)
Arts – Creating

Language – (O,V,W)

SDGs - 9

Duration:

17 April-27 May 2023

An inquiry into the ways in which we discover and express ideas, feelings, nature culture, beliefs and values

Central Idea

Feelings and culture can be expressed through dance

Lines of inquiry

- Forms of dance
- Expressing feelings through dance
- Dance and culture

Key Concepts

Form, Perspective, Connection

Related concepts

Differences and similarities; Beliefs and opinion, Relationships

Learner Profile Attributes

Balanced , Communicator , Openminded

Approaches to learning : Communication skills

(Exchanging information)

Social skills (Social and emotional intelligence)

Self –management skill (States of mind)

Subject Focus:

Arts -Responding, Creating PSPE-Interaction (Culture, Community) Active

Community) Active living(Body control, Challenge, Flexibility and Growth)

Social studies - Social organization and culture(Artefacts, Communication Diversity, Tradition)

Language – O.V,W Mathematics – Patte

Mathematics – Pattern and function, Numbers

SDGs-Nil

Duration:

29 May-8 July 2023

An inquiry into the interaction between the natural world (physical and biological) and human societies

Central Idea

Sounds can be produced, changed and received through different mediums.

Lines of inquiry

- Sounds around us
- · How sound is produced
- Creating and manipulating sound

Key concepts

Form, Function, Change

Related Concepts

Difference, Pattern, Impact

Learner Profile Attributes

Communicator , Principled inquirer, Reflective

Approaches to learning : Communication skills

(Exchanging information)

Research skills (Information literacy)

Subject Focus

Science - Force and energy
(Forms of energy)
Social studies – Resources and
Environment (energy)
Language (O,V,W)
Arts - Responding, Creating
Mathematics – Numbers , Pattern
and function

SDGs - 11

Duration

10 July 26 August 2023

An inquiry into interconnectedness of human made system and communities

Central Idea

Play areas and equipment can be handled safely and creatively to have fun

Lines of inquiry

- · Play areas and equipment
- Safety in play areas
- Creative use of equipment and space

Key Concepts

Form, Causation, Perspective

Related Concepts

Structure, Consequences and Opinion

Learner Profile Attributes

Thinker, Caring, Courageous

Approaches to learning:

Social skills- (Interpersonal relationships

Self - management skill (States of mind)

Subject Focus

Social Studies- Human and natural environment(Locality), Social organization and culture (Communication, Roles)

PSPE – Interaction(Safety, Team work,

Fair play,) Active Living(Awareness)

Language (O,V,W)

Arts – Responding, Creating

Mathematics - Numbers, Data Handling

SDGs - 9

Duration:

9 Oct.-30 Nov. 2023

An inquiry into communities and the relationship within and between them

Central Idea

Plants play a role in sustaining life

Lines of inquiry

- · Life of a plant
- How plants support life
- · Caring for plants

Key Concepts

Change, Connection, Responsibility

Related Concepts

Growth, Interdependence, Initiative

Learner Profile Attributes

Inquirer, Knowledgeable, Caring

Approaches to learning:

Research skills (Information literacy)

Thinking skill (Critical thinking)

Subject Focus

Social Studies- Human and natural environment (Dependence, ownership)

Science Living things(Classification,

Growth, Plants)

Mathematics – Measurement (Length,

Comparing objects, Time) Numbers

Language (O,V,W)

SDGs – 14, 15

Duration:

28 Aug.-7 Oct. 2023

Grade– LKG

An inquiry into personal, physical, mental, social and spiritual health

Central Idea

Personal health and wellbeing depend on the choices people

Lines of inquiry

- Daily habits and routines
- Consequences of choices.
- · Living a balanced lifestyle

Key Concepts

Function, Causation, Responsibility

Related Concepts

Behavior, Consequences; Initiative

Learner Profile Attributes

Caring, Balanced and Courageous

Approaches to learning Self-management skills (States of mind)

Social skills (Interpersonal relationship)

Subject Focus

Grade -

UKG

Science - Living things (Growth, Organism, Nutrition).

PSPE - Active living (Body control, Improvement)

Language - Oral ,visual, written

Social Studies - Human and natural environment (Locality, Dependence)

Mathematics - Data Handling(Pictograph)

Arts - Responding and creating

SDGs - 3

Duration:

27 Feb - 15 April 2023

An inquiry into personal histories.

Central Idea

Learning about history helps in understanding the present.

Lines of inquiry

- · Ways to discover the past and present
- · Ways lifestyles have changed or stayed the same
- How the past can help us understand the present

Key Concepts

Connection, Change, Perspective

Related Concepts

Relationship;

Transformation, beliefs

Learner Profile Attributes

Caring, open minded and knowledgeable

Approaches to learning

Social skills (Interpersonal relationships)

Communication skills (Exchanging information)

Subject Focus

Social Studies-Social organization and culture(Family, Diversity, Traditions).

Continuity and change (History) Language - Oral ,visual and

written

Mathematics – Data Handling (Timeline-ordering of events)

PSPE – Identity (Self, change)

Science - Living things (Classificationfamily tree)

Arts - Responding

SDGs - 11

Duration:

28 Aug.-7 Oct. 2023

An inquiry into the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values

Central Idea

People share ideas and connect with others through stories

Lines of inquiry

- Different ways people tell stories
- What stories express
- How we can relate stories

Key Concepts

Perspective Function Connection

Related Concepts

Opinion, Communication, Relationships

Learner **Profile** Attributes

Communicator, Reflective thinker

Approaches to learning

Thinking skill (Critical Thinking. Creative thinking)

Communication skill

(Exchanging information)

Subject Focus

Language - Oral, visual, written

PSPE - interactions (Behavior)

Social Studies - Social organizations and culture(Communication, Roles, Traditions)

Mathematics – Measurement (Timedaily routine), Numbers-Story problems Arts – Responding and Creating

SDGs - 4

Duration:

17 April-27 May 2023

An inquiry into the interaction between the natural world (physical and biological) and human societies

Central Idea

Materials can be changes and used in different ways.

Lines of inquiry

- Properties of materials
- States of matter
- Use of different materials

Key Concepts

Form and Function,

Related Concepts

Properties; difference and similaritie

Learner Profile Attributes

Inquirer, Thinker, Knowledgeable

Approaches to learning

Research skills (Information Literacy)

Self-management

skills(Organization)

Subject Focus

Science - Material and matter (Properties, Use of materials)

Mathematics- Shape and space (2-D shapes, sort) Pattern and function (Ordering)

Language - Oral, Visual and written

Social studies - Resources and environment (consumption. Conserve) Arts - Responding and Creating

SDGs - 12

Duration:

29 May-8 July 2023

An inquiry into

economic activities and their impact on humankind and the environment

Central Idea

Money helps to satisfy needs and wants.

Lines of inquiry

- · Money and its forms
- Evolution of money
- · Earning, spending and saving

Key Concepts

Form . Change . Responsibility

Related Concepts

Differences and similarities; Transformation; Values

Learner Profile Attributes

Balanced, Principled, Reflective

Approaches to learning

Research skills (Information Literacy) Thinking skills Creative thinking)

Subject Focus

Social Science - Human systems and economic activities (Transportation, Production, Cooperation),

Mathematics- Measurement (money, time), Numbers (addition, subtraction)

Language -Oral ,visual, written Science - Matter and Materials (Properties)

PSPE - Interaction(Community, Belongings) Arts - Responding and Creating

SDGs - 10

Duration:

10 July 26 August 2023

An inquiry into communities and the relationship within and between them

Central Idea

Humans and animals depend on each other for specific needs

Lines of inquiry

- Animals and their characteristics
- How animals and humans help each other
- · Our responsibility towards animals.

Kev Concepts

Form, Connection, Responsibility

Related Concepts

Structure, Interdependence, Initiative

Learner Profile Attributes

Caring, Balanced, Inquirer

Approaches to learning

Social skills(Interpersonal relationship)

Research skills(Information Literacy)

Subject Focus

Science - living Things (Animal, Classifications, Habitat)

Social studies - Resources and environment(Conservation,

Interdependence, Consumption) Language - Oral , visual,

written

Mathematics - Numbers (Counting) Data handling(Pictograph)

PSPE –Interaction (Interdependence) Arts – Responding and Creating

SDGs - 14,15

Duration:

9 Oct.-30 Nov. 2023

An inquiry into rights and responsibilities.

Central Idea

Behavior can shape the actions and relationships of individuals.

Lines of inquiry

- My personal traits
- · Responsible behavior and actions
- Essential agreements to build relationships

Key Concepts

Form and Responsibility

Related Concepts

Impact, consequences; Behavior; Role, Initiative; Values, Rights

Learner Profile Attributes

Open minded thinker, Reflective, Principled`

Approaches to learning

Social Skills(Interpersonal relationship. Social and emotional intelligence)

Self-management skills

(Organization, States of mind)

Grade 1

Subject focus:

PSPE – Identity (diversity, ethnicity) Interactions(peace, team work, justice, fair play, safety), Social Studies - Social organization

and culture (roles, rights, communication, identity),

Language (O,W.V)

Arts - Responding

Mathematics - Data handling, Numbers

SDGs - 16

Duration:

17 April-27 May 2023

An inquiry into homes and journeys.

Central Idea

People make homes in different places and in different ways.

Lines of inquiry

- Different homes
- Materials and changes involved over time
- · Environmental influences on design of homes

Key Concepts

Form, Change, Causation

Related Concepts

Structure: Differences and Similarities: Transformation: Impact and consequences

Learner Profile Attributes

Knowledgeable thinker, Inquirer

Approaches to learning Research skill (Information literacy)

Thinking skill (Critical thinking, Creative Thinking, Reflection and metacognition)

Subject Focus

Social studies- Continuity and change through time (exploration, innovation, history, Progress) Human and natural environments(Geography, Impact) Science - Earth and space (climate, atmosphere, geography), Materials and matters (use of materials.

structure) Mathematics- Shapes and space, Numbers

Arts - Creating, Responding Language (oral, visual and written)

SDGs - 11

Duration:

27 Feb - 15 April 2023

An inquiry into the ways in which we discover and express idea, feelings, nature, culture, beliefs and values.

Central Idea

Emotions and ideas can be expressed through the Arts

Lines of inquiry

- Forms of arts
- · Elements of arts involved
- Different ways to express

Key Concepts

Form, Connection, Perspective

Related Concepts

Similarities, differences, Interdependence, Opinion, Subjectivity

Learner Profile Attributes

Open minded communicator. Reflective

Approaches to learning

Social Skills - (Interpersonal relationships, Social and emotional intelligence)

Communication skills (Exchanging information, Literacy)

Self-management skills

(States of mind)

Subject Focus

Arts – Creating and responding Social studies - Social organization and culture (communication, diversity) Science - Materials and matter (use of materials)

Language (oral, visual, written) Mathematics-Pattern and function.

Numbers **PSPE** – Identity (Diversity)

SDGs - Nil

Duration:

9 Oct.-30 Nov. 2023

An inquiry into natural world and its laws.

Central Idea

Interplay of light and darkness drives the world.

Lines of inquiry

- · Light and darkness are cvclic
- · Formation of shadows
- · Response to light and darkness

Key Concepts

Change, Causation, Connection

Related Concepts

Cycle, Sequence; Impact, Patterns, Consequences; Relationships

Learner Profile Attributes

Inquirer, Reflective risk-taker

Approaches to learning Research skills (Information literacy, Media literacy)

Self-management skills (Organization)

Subject Focus

Science - Earth and Space (resources, System), Matter and material (uses, properties of materials) Mathematics- Numbers, Measurement (time, calendar, nonstandard units of length) Language (oral, visual and written)

Arts - creating

Social Studies - Resources and environment – (Interdependence)

PSPE - Active living (Body control, Strength, Challenge)

SDGs - Nil

Duration:

10 July 26 August 2023

An inquiry into interconnectedness of human made systems and communities.

Central Idea

Signs and symbols help to organize

Lines of inquiry

- · Signs and symbols around
- How signs and symbols help in communication
- · Signs and safety

Key Concepts

Form, Function, Connection

Related Concepts

Structure; Differences, Similarities Role; Communication, Interdependence

Learner Profile Attributes

Inquirer, Communicator, Caring

Approaches to learning Communication skills

(Exchanging information, Literacy)

Self-management skills (Organization)

Subject Focus

Social studies - Social organization and culture (communication, roles) Human systems and economic activities - (Communication, Systems) Mathematics- Numbers (basic operations) Measurement (money) Arts (Responding) PSPE- Interaction (safety, Control, Team work)

SDGs - Nil

Duration:

29 May-8 July 2023

An inquiry into rights and responsibilities in the struggle to share finite resources with other people and other living things.

Central Idea

Water sustains life and needs to be conserved

Lines of inquiry

- Sources and properties of
- Importance of water
- •Responsible use of water

Key Concepts

Form, Function, Responsibility

Related Concepts

Similarities, Differences, Properties; Role; Initiative,

Learner Profile Attributes

Knowledgeable, Balanced thinker, Caring

Approaches to learning

Social skills (Interpersonal relationships, Social and emotional intelligence) Thinking skills (Critical thinking, Creative thinking, Information transfer, Reflection

and metacognition) Research Skills (Information literacy, Media literacy)

Subject Focus

Science - Matter and material (change of state, gas, liquid, solid, properties), Earth and space (resources, water cycle) Force and energy (Pollution)

Social studies - Resources and environment (pollution,

conservation, distribution) Mathematics- Numbers, Measurement (nonstandard unit

capacity, mass) Data handling Language (oral, visual and written) Arts – Responding, Creating

PSPE -Interaction (safety)

SDGs - 6,12,14

Duration:

28 Aug.-7 Oct. 2023

An inquiry into beliefs and values

Central Idea

Respecting people's values and beliefs enables to become global citizens

Lines of inquiry

- Diversity in values and beliefs
- Values and beliefs change over time
- What it means to be global citizens

Key Concepts

Perspective, Change, Responsibility

Related Concepts

Opinion, Beliefs, Relationship, Values, Citizenship

Learner Profile Attributes

Knowledgeable thinker, Openminded , Communicator

Approaches to learning:

Social Skills (Developing social emotional intelligence)
Communication Skills (Exchanging

information skills) **Self-management Skills** (States of mind)

Subject Focus

Social Studies- Social Organization and culture (Diversity, identity, religion,) Language (R,W,L,S) PSPE(Identity, Interactions) Arts (Responding, Creating)

SDGs - 2, 17

Duration:

10 July 26 August 2023

An inquiry into orientation into discoveries, exploration and migration of human kind

Central Idea

Exploration can lead to discoveries and develop new understandings

Lines of inquiry

- · Reasons for exploration
- How exploration is carried out
- Exploration over time

Key Concepts

Causation, Function, Change

Related Concepts

Sequence, Consequences, Role

Learner Profile Attributes-

Courageous, Inquirer, Knowledgeable

Approaches to learning

Research skills (Information literacy skills)

Thinking skills

(Critical thinking)

Subject Focus:

Mathematics (Time, Addition and subtraction)

Social Studies-Continuity and change through time (Discoveries, Explorations)

Arts (Creating and responding) PSPE (Identity)

SDGs - 9

Duration:

17 April-27 May 2023

An inquiry into the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values

Central Idea

People communicate and interpret meaning using verbal and non-verbal languages.

Lines of inquiry:

- Languages around us
- Communicating through language
- Message interpretations

Key Concepts

Form, Change, Function

Related Concepts

Differences and structure; Transformation, communication

Learner Profile Attributes

Communicator and Reflective thinker

Approaches to learning:

Communication Skills
(Information literacy and Media

Literacy)

Thinking Skills

(Creative Thinking, Reflection and metacognition) Social skills (Developing

social, emotional intelligence)

Subject Focus

Language (listening, speaking, viewing, presenting, reading and writing),

Mathematics-Data handling Social studies –Social organization and culture (communication and culture)

Arts (Creating)
PSPE (Interaction)

SDGs - Nil

Duration:

27 Feb - 15 April 2023

An inquiry into the interaction between the natural world (physical and biological) and human societies;

Central Idea

Understanding the properties of air allows people make practical applications

Lines of inquiry

- · Air around us.
- Importance of air
- Air quality and health

Key Concepts

Form, Function, Connection

Related Concepts

Properties, Similarities, Differences, Role; Relationships, Consequences

Learner Profile Attributes

Inquirer, Knowledgeable , Caring

Approaches to learning

Thinking Skills(Critical thinking, Information transfer) Research skills (Information literacy)

Self-management (Organization)

Subject Focus

Science – Matter and materials (sustainability, properties, gases) Earth and space (atmosphere, climate, resources),

Social studies- Resources and environment (pollution, sustainability)

Mathematics (Measurement) PSPE- Active living (body control) Interaction (control, preservation),

Language (listening and speaking)

Arts - Responding

SDGs - 3, 11

Duration:

28 Aug.-7 Oct. 2023

An inquiry into the societal decision-making

Central Idea

Effective leadership can contribute to wellbeing of the society.

Lines of inquiry

- Leaders in different fields
- Skills and attitudes of leaders
- Changes that leaders can make

Key Concepts

Form, Connection, Responsibility

Related Concepts

Similarities, differences, Relationship, Initiative, Justice

Learner Profile Attributes

Principled, Reflective and Balanced

Approaches to learning

Social skills (Developing positive interpersonal relationships and collaboration skills),

Self- management skills

(Organization skills, States of mind)

Subject Focus

Social studies – Social organization and culture(roles, identity, network, authority, citizenship) Mathematics -data handling, Language(listening and speaking, Viewing and

PSPE (Interaction, Identity)

presenting)
PSPE (Interes

SDGs – 8 Duration:

9 Oct.-30 Nov. 2023

An inquiry into rights and responsibilities in the struggle to share finite resources with other people and other living things

Central Idea

Waste requires effective and responsible systems of disposal.

Lines of inquiry

- Wastes produced
- Consequences of waste production
- Responsible waste management

Key Concepts

Form, Causation, Responsibility

Related Concepts

Similarities and differences, Properties, Impact and consequences; Pollution; Initiative

Learner Profile Attributes

Reflective thinker, Caring

Approaches to learning Self-management skills

(Organization skills), Social skills (Developing positive interpersonal relationships and collaboration skills)

Subject Focus

Science- Material and matter (Similarities, Differences, properties and use, change of state) Living Things(Classification)

Social studies – resources and environment(ecology, wealth),

Mathematics – Shapes and space

Arts(creating and responding), Language (R, W,V and P), PSPE (interaction)

SDGs - 6,12,14

Duration:

29 May-8 July 2023

Grade 2

An inquiry into the personal, physical, mental, social and spiritual health

Central Idea:

Recording results and setting realistic goals can improve fitness

Lines of inquiry:

- Elements of fitness
- How best to record our results
- Identifying strengths and weaknesses to support learning and physical development

Key Concepts

Form, Function, Responsibility

Related Concepts

Components, Process, Growth Safety, Initiative

Learner profile: Attributes

Reflective thinker, Balanced

Approaches to learning Thinking skill (Critical thinking, Creative thinking) Self-management skill (Organization, States of mind)

Subject Focus

Grade 3

PSPE- Active living (Goal setting, Improvement, Strength, Endurance, Rest, Flexibility, Body control, Growth) Identity (Initiative, Perseverance, Self-regulation, Resilience) Science-Living things (Classification, Growth), Language L,S,R Mathematics –Data handling

Arts - creating, Responding

SDGs - 3

Duration:

17 April-27 May 2023

An inquiry into the discoveries, explorations and migration of human kind

Central Idea:

Migration leads to change in people, land and culture

Lines of inquiry:

- · Migration journeys
- · Reasons for migration
- Effects of migration

Key Concepts

Form, Causation, Change

Related Concepts

Similarities and differences; Consequences; Adaptation and settlement

 Learner
 profile
 Attributes

 Courageous,
 Inquirer
 , Open

 Minded
 , ...
 ...

Approaches to learning: Thinking skill (Critical thinking, Creative thinking, Information transfer, Reflection and meta

cognition)

Research skill (Information
literacy, Media literacy, Ethical use
of media/Information)

Social Skills (Interpersonal relationship, Social and emotional intelligence)

Subject Focus

Social Studies – Change and continuity through time (migration),

Mathematics— Shapes and spaces(path and boundaries), Data Handling

Language (O,V,W)

PSPE – Identity(initiative and selfregulation) and interaction (leadership, team work, safety) Arts –Responding

SDGs - 8, 11

Duration:

9 Oct.-30 Nov. 2023

An inquiry into the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values; appreciation of the aesthetic

Central Idea:

Monuments and artifacts represent past and cultural heritage.

Lines of inquiry:

- · Monuments and artifacts
- Significance of monuments and artifacts
- Preserving cultural heritage

Key Concepts

Form, Connection, Responsibility

Related Concepts

Structure; Relationships; Initiative

Learner profile AttributesCaring, Communicator, Open minded

Approaches to learning:

Social skill (Interpersonal relationship, Social and emotional intelligence)

Research skill (Information literacy, Media literacy, Ethical use of media/information)

Communication Skills –(Exchange of information, Literacy, ICT)

Subject Focus

Social Studies – Continuity and change through time (progress, innovation), Social organization and culture (artifacts, diversity, religion, tradition)

Arts –Creating, Responding **Mathematics**– Patterns and functions (number, shape)

Language (R,W,P,V)

Science - Materials and Matter (Structure,) Forces and Energy (pollution)

PSPE – Identity (ethnicity, Diversity, Heritage)

SDGs - 13,

Duration:

29 May-8 July 2023

An inquiry into the impact of scientific and technological advances on society and on the environment

Central Idea:

Technological advancements help in unfolding the mysteries of the universe.

Lines of inquiry:

- Components of the universe
- Technology and space journeys
- Future of space explorations

Key Concepts

Function, Change, Causation

Related Concepts

System; Transformation, Impact

Learner profile Attributes

Inquirer, courageous knowledgeable

Approaches to learning:

Thinking skill (Critical thinking, Creative thinking, Information transfer, Reflection and Meta cognition)

Research skill (Information literacy, Media Literacy, Ethical use of media/information)

Subject Focus

Science – Earth and space (natural phenomena, systems, space, resources, seasons), Force and energy (Technological advances)
Social Studies – Human and Natural environment (impact), Continuity and change through time (discoveries and revolution)
Mathematics – Measurement (length, weight, capacity, time)
Language (V,P,R,W)
Arts – Creating, Responding

SDGs – 9

Duration:

28 Aug.-7 Oct. 2023

An inquiry into the interconnectedness of human made systems and communities;

Central Idea:

Food goes through several stages before reaching the plate

Lines of inquiry:

- · Origin of the foods we eat
- Stages that food go through
- Different roles people have in food production, distribution and consumption.

Key Concepts

Form, Change, Responsibility

Related Concepts

Classification; Transformation, Equity

Learner profile Attributes

Principled thinker and Reflective

Approaches to learning:

Social skill (Interpersonal relationship, Social and emotional intelligence)

Self-management Skills (Organization; States of mind)

Subject Focus

Social Studies – Human system and economic activities (Production, Transportation, communication)
Resources and environment (Distribution, Consumption)
Language (V, P, W),
Science – Living Things

Science - Living Things (Growth, Classifications Plants) Materials and Matter (Uses of

materials)

Mathematics – money fraction

Mathematics – money, fractions Arts - Responding

SDGs - 12

Duration:

27 Feb - 15 April 2023

An inquiry into peace and conflict resolution

Central Idea:

Peaceful resolution of conflicts can improve human life

Lines of inquiry:

- · Causes of conflicts
- Resolution through different means
- Consequences of the choice of resolution

Key Concepts

Causation, Responsibility, Perspective

Related Concepts

Impact; Consequences; Justice; Subjectivity

Learner profile Attributes

Open-minded, principled, communicator

Approaches to learning:

Communication skill (Exchanging information,

Literacy, ICT)

Self-management skill(Organization, States of mind

Social skill(Interpersonal relationships, Social and emotional intelligence)

Subject Focus

Social Studies – Change and continuity through time (conflict, history), Social organizations and culture (Rights, roles and prejudice)

Language (O,V,W), PSPE – Identity (Character, Initiative, Perseverance, Resilience), Interaction (Justice, conflict, interdependence, peace, team work, fair play)

Mathematics – Numbers (basic operations)

Arts - Responding, Creating

SDGs – 4, 5, 12

Duration:

10 July 26 August 2023

An inquiry into the nature of

Central Idea:

Human body functions with a network of connected systems

Lines of inquiry:

- · The role of different body systems
- · Connection between different body systems
- Keeping the body healthy

Key Concepts

Function, Connection, Perspective

Related Concepts

Systems; Relationship, Opinion

Grade 4

Learner Profile Attributes Balanced . Reflective thinker

Approaches to learning: Self-management skills

(States of mind, Organization) Research skill: (Information literacy)

Subject Focus

Science: living things (body organs and systems) Language: oral, visual and written

Mathematics: Measurement Arts: Responding and creating PSPE-Active living (Power, Strength, Endurance, Goal setting, Growth, Flexibility) Interaction(Interdependence, Team work)

SDGs - 3

Duration:

17 April-27 May 2023

An inquiry into orientation in place and time.

Central Idea:

Properties of a landform and living conditions of its people are interrelated.

Lines of inquiry:

- · Variability of physical characteristics of earth.
- Relationship between location and settlement
- · Effect of geography on population and vice versa.

Kev Concepts

Causation, Connection, Change

Related Concepts

Impact; Interdependence; Adaptation

Learner Profile Attributes

Inquirer, Knowledgeable thinker,

Approaches to learning

Thinking skills(Critical thinking, Information transfer) Research skills(Information literacy)

Social studies: Human and natural

environment (Geography, Boarders,

Subject Focus

Impact, Landscape, Population, Settlement, Region). Science: Earth and space (Atmosphere, Climate, Erosion, Geography, Seasons) Arts: Responding and creating Mathematics: Measurement(Area and perimeter) Language(Oral, Visual, Written) **PSPE** – Identity(Diversity) Interaction (Citizenship, Community, Interdependence)

SDGs - 13

Duration:

10 July 26 August 2023

An inquiry into the ways in which we reflect on, extend and enjoy our creativity.

Central Idea:

Digital media can change the way people communicate

Lines of Inquiry:

- Digital media applications
- · How technology affects communication
- Responsible digital citizens

Key Concepts

Form, Perspective, Responsibility

Related Concepts

Properties, Opinion, Initiative

Learner Profile Attributes

Reflective communicator. Knowledgeable

Approaches to learning Research Skill- (Media literacy.

Ethical use of media/information) Communication skills (ICT, Exchanging information, Literacy)

Subject Focus

Social studies: Social Organizations and culture (communication, Network, Role)

Human systems and economic activities(communication) Arts: Responding and creating Language: (oral, visual and written)

Mathematics - Shapes and space, patterns and function PSPE - Interaction (Community

safety)

SDGs - Nil

Duration:

27 Feb - 15 April 2023

An inquiry into how humans use their understanding of scientific principles; the impact of scientific and technological advances on society and on the environment

Central Idea:

Energy can be transformed and used to support human progress

Lines of inquiry:

- Renewable and non-renewable sources
- · Transformation of energy
- · Sustainable energy practices

Key Concepts

Form, Change, Responsibility

Related Concepts

Properties, Transformation, Initiative

Learner Profile Attributes Inquirer, Reflective thinker

Approaches to learning

Thinking skills(Creative thinking, Reflection and meta cognition)

Self-management skills (Organization)

Subject Focus

Social studies: Continuity and change through time (Evolution, innovation) Resources and environment

(Conservation, Consumption, Energy, Sustainability) Science: Forces and energy (Conservation, Form,

Transformation of energy) Earth and Space(Renewable and non-renewable sources)

Language: (oral , visual and written)

Arts – Responding and creating Mathematics - Data handling, Numbers

PSPE - Active living(Energy, Power, Strength, Endurance, Growth, Flexibility)

SDGs - 7

Duration:

29 May-8 July 2023

An inquiry into economic activities and their impact on human kind and their environment

Central Idea:

Economic resources connect individuals and communities.

Lines of inquiry:

- · Economic resources available in a community
- Concept of trade
- What it means to be fair and principled

Key Concepts

Form, Function, Responsibility

Related Concepts types, role, Values, Entrepreneurship

Learner Profile Attributes

Thinker, Communicator, Principled.

Approaches to learning

Research skills: (Media literacy, Ethical use of media/information) Social Skills (Interpersonal relationship, Social and emotional intelligence)

Subject Focus Social studies:

Human systems and economic activities(needs and wants, goods and services, production and consumption, Transportation, Cooperation, Freedom, Justice) Social Organization and culture(Rights and Roles)

Arts: creating

Mathematics: Measurement(Money) Language (O,V,W)

PSPE - Interaction(Belonging, Control, Peace, Fair play)

SDGs - 8, 12

Duration:

28 Aug.-7 Oct. 2023

An inquiry into access to equal opportunities

Central Idea:

Children worldwide encounter a range of opportunities and challenges.

Lines of inquiry:

- · Challenges, risks and opportunities
- How children respond to challenges and opportunities
- Promotion of equal opportunities among children

Key Concepts

Form, Perspective, Responsibility

Related Concepts

Similarities and differences; Opinion; Justice, Rights

Learner Profile Attributes

Open minded, Courageous, Caring

Approaches to learning

Social skills (Interpersonal relationships, Social and emotional intelligence)

Thinking skills (Reflection

and meta cognition) Communication skills (Exchanging information,

Literacy and ICT)) Subject Focus

Social studies: Social organizations and culture (universal declaration of child rights, Authority) Human system and economic activity (individual/organization that

promote and preserve children's

rights and roles: Education and justice) Mathematics: Data Handling

Arts: Responding, Creating Language: (oral, visual and

written) PSPE - Active living (Challenge, Competition, Safety,

Justice) Interaction (Team work) Identity(Gender, Initiative)

SDGs - 1, 2, 3, 4, 5, 10

Duration:

9 Oct.-30 Nov. 2023

An inquiry into what it means to be human

Central Idea

Understanding diverse abilities enables people to create a better world.

Lines of Inquiry:

- Concept of ability and disability
- How people with different abilities respond to challenges, risks and opportunities
- Services and advocacy for the differently abled

Key Concepts

Form, Perspective, Function

Related Concepts

Similarities, Differences, Perception and Purpose

Learner Profile Attribute:

Open-minded Inquirer, Caring, Courageous

Approaches to learning

Social skills (Interpersonal relationships, Social and emotional intelligence)

Self-management skills (State of

Communication Skills

(Exchanging information and literacy)

Thinking Skills (Critical thinking)

Subject focus

Grade 5

Language(O, V,W) **PSPE** – **Identity**(Diversity)

Active living (Body Form, Challenge, Spatial awareness, Strengths,

Endurance)

Interactions (Safety, Team work)

Science –Living Things (Systems)

Social Studies - Social Organizations and culture (Rights and roles)

Human systems and economic activities(Organizations, Justice)

Arts (creating)

SDGs - 3,10

Duration:

9 Oct.-30 Nov. 2023

An inquiry into the relationship between and the inter connectedness of individuals and civilizations, from local and global perspectives.

Central Idea

Past civilizations shape present day systems and technologies.

Lines of Inquiry:

- Aspects of past civilizations that have survived
- · Reasons these systems and technologies developed
- Implications for the future

Key Concepts

Change, Causation, Perspective

Related Concepts

Progress, Continuity, Impact, Opinion, Technology

Learner Profile Attributes

Inquirer, Reflective Thinker

Approaches to learning

Thinking skills (Creative thinking, Critical thinking, Information transfer, Reflection and

metacognition) Research skills(Information literacy,

Media Literacy, Ethical use of media/information)

Communication skill (Literacy, Exchanging information)

Subject focus Social Studies- Continuity and change through time(civilizations, Innovations, Progress); Social organization and culture(artifacts) Human and Natural environment(Geography) Science - Force and energy (Technological advances) Matter and Material (Properties and Uses of materials . Solids) Arts (responding and creating), Language(oral, visual and written), Mathematics- Measurement (timeline) Shapes and space(2D,3D)

PSPE- Identity(diversity and heritage)

SDGs - 11

Duration:

17 April-27 May 2023

An inquiry into the impact of scientific and technological advances on society and the environment.

Central Idea

Sustainable agricultural practices can sway the production and environment

Lines of Inquiry:

- · Methods and tools used by farmers over time
- · Agricultural innovations and production
- · Eco-friendly farming

Key Concepts

PYP Exhibition 2023

Change, Connection, Responsibility

Related Concepts

Growth; Technology, Supply and demand, Balance, Sustainability.

Learner Profile Attributes,

Balanced, Communicator, Inquirer

Approaches to learning Research Skills(Information

literacy)

Communication skills

(Exchanging information, Literacy,

Social skills (Interpersonal relationships, Social and emotional intelligence),

Subject focus

Social studies- Resources and the environment- sustainability, Consumption:

Human and natural environment, Geography, Landscape, Settlement) Continuity and change through time (Innovations an revolutions)

Human systems and economic activities(Employment, production, Population, Poverty)

Language(oral, visual, written). Science -Earth and space- climate .

erosion and sustainability) Living Things(Plants, Conservation) Mathematics - Measurements. Data

Handling **PSPE** – Interactions (Preservation) Arts (Responding)

SDGs - 1, 2,12

Duration:

29 May-8 July 2023

An inquiry into the structure and function of organizations

Central Idea

People create organizations to solve problems and support human endeavor and enterprise

Lines of inquiry

- · Different organizations
- · How an organization works
- · Issues that organizations deal with

Key Concepts

Form, Function, Responsibility

Related Concepts

Structure, Types, Similarities and differences, Characteristics, Work, Purpose Entrepreneurship, Collaboration, Initiative

Learner Profile Attributes

Reflective risk taker, Knowledgeable hinker

Approaches to learning

Social Skills (Interpersonal relationships, Social and emotional intelligence)

Thinking Skill (Critical thinking. Creative thinking, Information transfer)

Self-management skills (Organizations, States of mind)

Subject focus

Social Studies -Human systems and economic activities(Cooperation, employment)

Social organization and culture (Organizations, Equity, Authorities) Resources and environment (Wealth.

Media) Resources and the environment(Ecology, Interdependence,

Conservation) Language (oral, visual and written); Mathematics -Data Handling.

Measurement(Time)

PSPE - Interaction(Fair play, Leadership) Preservation)

Active living(Endurance, Goal setting, Improvement) Identity(Ethnicity, Trust) Arts (Creating and responding)

SDGs - 1, 2, 3, 4, 5, 8, 16, 17

Duration:

10 July 26 August 2023

An inquiry into rights and responsibilities in the struggle to share finite resources with other people and other living things

Central idea

When interacting with natural habitats, humans make choices that have an impact on other living things.

Lines of inquiry

- Living things respond to changing environmental conditions
- Human impact on natural habitats
- Balance between the rights and responsibilities when interacting with natural habitats

Key concepts

Change (adaptation) Causation (impact) Responsibility (initiative)

Related concepts

Adaptation, impact and initiative

Learner Profile Attributes

Caring, thinker and Inquirer

Approaches to learning Social Skills

(Interpersonal relationships, Social and emotionalintelligence)

Thinking Skill (Critical thinking, Information transfer, Reflection and metacognition)

Research skills (Information literacy, Media literacy, ethical use of media/information)

Subject focus:

Science -(Living thingsbiodiversity, conservation, habitat, ecosystem, adaptation, classification)

Social studies -

Human and natural environment (impact, dependence)

Resources and the environmentecology, interdependence, conservation)

Language- (oral, visual and written)

PSPE-(Interactions interdependence Preservation) Mathematics –Data Handling

Arts- Creating and responding

SDGs - 13,14,15

Duration:

27 Feb - 15 April 2023