

Akal Academy, Baru Sahib

Programme of Inquiry – 2020

Theme	Who we are	Where we are in place and time	How we express ourselves	How the world works	How we organize ourselves	Sharing the planet
Grade	<p>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.</p>	<p>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.</p>	<p>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.</p>	<p>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.</p>	<p>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.</p>	<p>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.</p>
Grade - Nursery	<p>An inquiry into the nature of the self</p> <p>Central Idea: I learn about myself and others</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • How I see myself • Our similarities and differences • My abilities, likes & dislikes <p>Key Concepts Perspective , Form</p> <p>Related Concepts Opinion; similarities and differences</p> <p>Learner Profile Attributes: Principled, Caring and Balanced</p> <p>Attitudes: Integrity, Respect and Tolerance</p> <p>Approaches to learning: Social skills (respecting other, co-operating and resolving conflicts) Communication skills (listening and speaking) Subject focus: Social studies, PSPE, Science, Language, Arts Duration: 01 Mar - 09 May 2020</p>		<p>An inquiry into our appreciation of the aesthetic</p> <p>Central Idea: The world is full of colorful patterns</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Colours around us • Patterns around us • Making new colours and patterns <p>Key Concepts Form , Function , Change</p> <p>Related Concepts Properties; Patterns; transformation</p> <p>Learner Profile Attributes: Inquirer, Courageous and Reflective</p> <p>Attitudes: Appreciation, Creativity and Curiosity</p> <p>Approaches to learning: Research skills (observing and presenting research finding) Thinking skills (acquisition of knowledge and synthesis) Subject focus: Math , Arts , Science, language Duration: 11 May – 04 July 2020</p>		<p>An inquiry into the interconnectedness of human – made systems and communities</p> <p>Central Idea: Members of a community work together to meet the needs of people</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • People in my community • Role played by different people • My responsibility towards the community <p>Key Concepts Connection , Function , Responsibility</p> <p>Related Concepts Interdependence; role; Citizenship</p> <p>Learner Profile Attributes: Communicator, Knowledgeable and Open minded</p> <p>Attitudes: Commitment, Cooperation and Empathy</p> <p>Approaches to learning Communication skills (listening, speaking, viewing) Self management skills (Code of behaviour) Subject focus: Social studies, Arts, Language Duration: 06 July – 05 Sept 2020</p>	<p>An inquiry into communities and the relationship within and between them</p> <p>Central Idea: Living things have specific needs to grow and stay healthy</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Things around us • Needs of living things • Taking care <p>Key Concepts Form , Causation , Responsibility</p> <p>Related Concepts Similarities and differences; Consequences; Initiative</p> <p>Learner Profile Attributes: Thinker, Knowledgeable and Caring</p> <p>Attitudes: Commitment, Independence and Empathy</p> <p>Approaches to learning Communication skills (listening, speaking, viewing) Thinking skills (Acquisition of knowledge) Subject focus: Science, Math, Language, Social Studies Duration: 07Sept – 30 Nov 2020</p>

Grade – LKG	<p>An inquiry into human relationships including family and friends, communities and culture.</p> <p>Central Idea Friendships enrich lives and require nurturing to develop.</p> <p>Lines of inquiry Need of friends Characteristics of friendship Ways to make friends and keep them</p> <p>Key Concepts – Form, Function, Responsibility</p> <p>Related Concepts Impact. Opinion, Values</p> <p>Learner Profile Attributes Caring , Communicator Open minded</p> <p>Attitudes Appreciation, Empathy , Respect</p> <p>Approaches to learning : Social skills (Cooperating) Communication skills (Listening and speaking)</p> <p>Subject Focus: Social Science (social organization and culture), Arts (creating)</p> <p>Duration: 13 Apr – 23 May 2020</p>	<p>An inquiry into orientation in place and time</p> <p>Central Idea Design of toys have evolved over time</p> <p>Lines of inquiry Evolution of toys Working of toys Sharing and caring of toys</p> <p>Key Concepts Change, Function, Responsibility</p> <p>Related Concepts Transformation, Behavior, Values</p> <p>Learner Profile Attributes Inquirer , Thinker</p> <p>Attitudes Confidence, Independence, Curiosity</p> <p>Approaches to learning : Research skills (collecting data) Thinking skills (acquisition of knowledge)</p> <p>Subject Focus: Science (Force and energy) Math (shape and space)</p> <p>Duration: 25 May – 04 July 2020</p>	<p>An inquiry into the ways in which we discover and express ideas , feelings , nature culture , beliefs and values</p> <p>Central Idea People use dance as a medium to express feelings and emotions.</p> <p>Lines of inquiry Different dance forms and movements Expressing feelings through dance Expressing ourselves through dance</p> <p>Key Concepts Form, Connection, Perspective</p> <p>Related concepts Differences and similarities; relationship; Beliefs</p> <p>Learner Profile Attributes Balanced , Communicator , Reflective</p> <p>Attitudes Enthusiasm , Curiosity</p> <p>Approaches to learning : Communication skills (presenting) Social skills (adopting variety of group roles) Self –management skill (gross motor skills)</p> <p>Subject Focus: Arts, PSPE (active living) Social studies (social organization and culture)</p> <p>Duration: 19 Oct – 30 Nov 2020</p>	<p>An inquiry into the interaction between the natural world (physical and biological) and human societies</p> <p>Central Idea Sounds can be produced, changed and received through different mediums.</p> <p>Lines of inquiry Sounds around us How sound is produced Exploring different sound devices</p> <p>Key concepts Form, Function, Causation</p> <p>Related Concepts Difference, Pattern, Impact</p> <p>Learner Profile Attributes Communicator , inquirer</p> <p>Attitudes Tolerance , Creativity</p> <p>Approaches to learning : Communication skills (speaking and listening) Research skills (observing and formulating questions)</p> <p>Subject Focus Science (force and energy), Language (listening and speaking) Arts</p> <p>Duration 06 Jul – 05 Sept 2020</p>	<p>An inquiry into interconnectedness of human made system and communities</p> <p>Central Idea Play areas and equipment can be handled safely and creatively to have fun.</p> <p>Lines of inquiry Play areas and equipment Safety in play areas Creative use of equipment and space to have fun</p> <p>Key Concepts Form, Causation, Perspective</p> <p>Related Concepts Structure, Consequences and Opinion</p> <p>Learner Profile Attributes Courageous , Principled , Caring</p> <p>Attitudes Commitment , Integrity</p> <p>Approaches to learning : Social skills (accepting responsibility) Self – management skill (safety)</p> <p>Subject Focus Social Studies (resources and environment), Arts (creating), PSPE (active living)</p> <p>Duration: 24 Feb – 11 Apr 2020</p>	<p>An inquiry into communities and the relationship within and between them</p> <p>Central Idea Plants play a role in sustaining life</p> <p>Lines of inquiry Life of a plant Role of plants Caring for plants</p> <p>Key Concepts Change, Connection, Responsibility</p> <p>Related Concepts Growth, Interdependence, Initiative</p> <p>Learner Profile Attributes Inquirer , Knowledgeable, Caring</p> <p>Attitudes Cooperation , Independence, empathy</p> <p>Approaches to learning : Research skills (collecting data formulating question) Thinking skill (acquisition of knowledge)</p> <p>Subject Focus Science (living things) Math(measurement, height)</p> <p>Duration: 07 Sept – 17 Oct 2020</p>
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<p style="text-align: center;">Grade - UKG</p>	<p>An inquiry into person, physical, mental, social and spiritual health</p> <p>Central Idea Making balanced choices influence health</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Daily habits and routines • Balanced and imbalanced choices • Consequences of choices. <p>Key Concepts Connection, Causation, Responsibility</p> <p>Related Concepts Relationship; Impact; Initiative</p> <p>Learner Profile Attributes Caring, balanced and courageous</p> <p>Attitudes: Confidence and commitment</p> <p>Approaches to learning : Self-management (healthy lifestyle) Social skills(Accepting responsibility)</p> <p>Subject Focus: Science -Living things , PSPE - Active living , Language - Oral ,visual, written</p> <p>Duration: 13 Apr - 23 May 2020</p>	<p>An inquiry into personal histories.</p> <p>Central Idea People belong to unique families</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Family roots • Relations and roles within family. • Interdependence among family members. <p>Key Concepts Form, Connection, Perspective</p> <p>Related Concepts Structure; Relationships; Opinion</p> <p>Learner Profile Attributes Caring , open minded and knowledgeable</p> <p>Attitudes Cooperation and respect</p> <p>Approaches to learning : Social skills (cooperating) Thinking skills (Acquisition of knowledge)</p> <p>Subject Focus: Social science -Social organization and culture, Continuity and change through time Language – Oral ,visual and written Math – Shapes and space PSPE - Identity</p> <p>Duration: 25 May – 04 July 2020</p>	<p>An inquiry into the ways in which we reflect on, extend and enjoy our creativity</p> <p>Central Idea Stories boost creativity and imagination</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Part of Stories • Different mediums of story telling • Lessons from stories. <p>Key Concepts Form, Function, Perspective</p> <p>Related Concepts Structure; Communication, Opinion</p> <p>Learner Profile Attributes Communicator, thinker and open-minded</p> <p>Attitudes Creativity, enthusiasm and empathy</p> <p>Approaches to learning : Thinking skill (synthesis, comprehension) Communication skill (listening ,speaking ,viewing and presenting)</p> <p>Subject Focus: Language – Oral, visual, written PSPE - interactions</p> <p>Duration: 24 Feb - 11 Apr 2020</p>	<p>An inquiry into the interaction between the natural world (physical and biological) and human societies</p> <p>Central Idea Humans change materials for various uses.</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Different materials • Re-shaping of materials • Making useful products <p>Key Concepts Form , Change , Function</p> <p>Related Concepts Properties; transformation; Structure</p> <p>Learner Profile Attributes Inquirer , Thinker, Knowledgeable</p> <p>Attitudes: Curiosity, creativity</p> <p>Approaches to learning : Research skills (observing , collecting data , recording data) Self-management skills(fine motor skills)</p> <p>Subject Focus: Science – Material and matter, Math – Pattern and function Language – Oral, Visual and written</p> <p>Duration: 06 Jul – 05 Sept 2020</p>	<p>An inquiry into economic activities and their impact on humankind and the environment</p> <p>Central Idea Money helps to satisfy needs and wants.</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Money and its forms • Evolution of money • Earning , spending and saving <p>Key Concepts Form , Change , Responsibility</p> <p>Related Concepts Differences and similarities; Transformation; Values</p> <p>Learner Profile Attributes Balanced , Principled , Reflective</p> <p>Attitudes Independence and integrity</p> <p>Approaches to learning : Research skills (observing and presenting research findings) Thinking skills (application)</p> <p>Subject Focus: Social Science – Human systems and economic activities, Math- Measurement (money, time), Number (addition, subtraction) Language –Oral ,visual, written</p> <p>Duration: 07 Sept - 17 Oct 2020</p>	<p>An inquiry into communities and the relationship within and between them</p> <p>Central Idea People and animals depend on each other</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Animals around us • Role of animals in our lives • Our responsibility for the well being of animals. <p>Key Concepts Form, Connection , Responsibility</p> <p>Related Concepts Structure; Interdependence; Values</p> <p>Learner Profile Attributes Caring , Principled , Inquirer</p> <p>Attitudes Appreciation , Tolerance , empathy</p> <p>Approaches to learning : Social skills(Accepting responsibility) Communication skills (O,V, W)</p> <p>Subject Focus: Science – living Things, Social studies – Resources and environment, Language – Oral , visual, written Math – Data handling</p> <p>Duration: 19 Oct – 30 Nov 2020</p>
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Grade 1

<p>An inquiry into rights and responsibilities.</p> <p>Central Idea Behavior impacts people and relationship with them.</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Behavior within and outside the classroom • Responsible Behavior • Essential agreements to build relationships <p>Key Concepts Causation , Function, Responsibility</p> <p>Related Concepts Impact and consequences; Behavior; Initiative ; Values</p> <p>Learner Profile Attributes: Open minded, Reflective, Principled</p> <p>Attitudes: Empathy , Respect , Integrity</p> <p>Approaches to learning : Social Skills(respecting others, accepting responsibility, cooperating) and Self management skills (codes of behavior)</p> <p>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)</p> <p>Duration: 24 Feb - 11 Apr 2020</p>	<p>An inquiry into homes and journeys.</p> <p>Central Idea Local conditions and needs influence design and evolution of homes</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Different types of homes • Changes to homes over time • Environmental influences on design of homes <p>Key Concepts Form , Change , Causation</p> <p>Related Concepts Structure; Differences and Similarities; Transformation; Impact</p> <p>Learner Profile Attributes: Knowledgeable thinker, Inquirer</p> <p>Attitudes Creativity , Cooperation</p> <p>Approaches to learning : Research skill (collecting data) Thinking skill(acquisition of knowledge)</p> <p>Subject Focus Social studies- Continuity and change through time (exploration, innovation, history, discovery) Science - Earth and space (climate, atmosphere, geography and wealth), materials and matters (use of Materials, structure) Math (shapes and space) Arts (creating) Language (oral, visual and written)</p> <p>Duration: 06 Jul – 05 Sept 2020</p>	<p>An inquiry into the ways in which we discover and express idea, feelings, nature, culture, beliefs and values.</p> <p>Central Idea Folk songs bring together tradition and melody.</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Popular folk songs • Rhythm and music in folk songs • Tradition passed through folk songs <p>Key Concepts Form, Change, Perspective</p> <p>Related Concepts Similarities, differences and Patterns ; Transformation; Beliefs and Truth</p> <p>Learner Profile Attributes: Open minded Reflective , Communicator</p> <p>Attitudes Independence and confidence</p> <p>Approaches to learning : Communication skills (listening, speaking, viewing and presenting) Thinking skills (synthesis) Social skills (respecting others)</p> <p>Subject Focus Arts – responding (reflection, communication), performing art) Social studies - Social organization and culture(traditions, religion, communication, diversity) Language (oral, visual , written)</p> <p>Duration: 19 Oct – 30 Nov 2020</p>	<p>An inquiry into natural world and its laws.</p> <p>Central Idea Interplay of light and darkness drives the world.</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Light and darkness are cyclic • How shadows are formed • Response to light and darkness <p>Key Concepts Change , Causation Connection</p> <p>Related Concepts Cycle, Sequence; Consequences; Relationships</p> <p>Learner Profile Attributes: Inquirer , Courageous</p> <p>Attitudes Curiosity and enthusiasm</p> <p>Approaches to learning : Research skills (observing and presenting) Self management skills (time management)</p> <p>Subject Focus Science - Earth and space(resources, sources of light), Matter and material (use properties of materials) Math – Measurement (time, calendar, non standard unit length) Language (oral, visual and written) Arts (creating)</p> <p>Duration: 25 May – 04 Jul 2020</p>	<p>An inquiry into interconnectedness of human made systems and communities.</p> <p>Central Idea Signs and symbols help us organize and connect with the world.</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Signs and symbols around • How signs and symbols make life easier • Signs and safety <p>Key Concepts Form , Function , Connection</p> <p>Related Concepts Differences, Similarities, Structure ; Communication, Role; Interdependence</p> <p>Learner Profile Attributes: Communicator , Caring</p> <p>Attitudes Empathy , Tolerance</p> <p>Approaches to learning : Communication skills(non-verbal) Self management skills(safety)</p> <p>Subject Focus Math- Numbers (basic operations, comparison, money) Social studies - Social organization and culture (communication, roles , rights) Arts (creating) PSPE- interaction (peace, safety)</p> <p>Duration: 13 Apr - 23 May 2020</p>	<p>An inquiry into rights and responsibilities in the struggle to share finite resources with other people and other living things.</p> <p>Central Idea Water sustains life and needs to be conserved.</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Sources and properties of water • Importance of water • Responsible use of water <p>Key Concepts Form, Function, Responsibility</p> <p>Related Concepts Properties; Role; Initiative, Value</p> <p>Learner Profile Attributes: Caring , balanced</p> <p>Attitudes Commitment , Appreciation</p> <p>Approaches to learning : Social skills(accepting and responsibility) Thinking skills(dialectical thought) Research skills(collecting data and formatting questions)</p> <p>Subject Focus Science - Matter and material (structure, change, gas, liquid, solid, properties), Earth and space (resources, water cycle, seasons) Social studies - Resources and environment (pollution, conservation, distribution) Math – Measurement (non standard unit capacity) Language (oral, visual and written)</p> <p>Duration: 07 Sept – 17 Oct 2020</p>
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Grade 2	<p>An inquiry into beliefs and values</p> <p>Central Idea Celebrations and traditions reflect the beliefs and values of a community.</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Celebrations around the world • Beliefs and values behind celebrations • Changing face of celebrations • <p>Key Concepts- Form, Causation, Change</p> <p>Related Concepts Similarities and differences; Diversity; Traditions; Transformation</p> <p>Learner Profile Attributes- Knowledgeable, Open-minded thinker</p> <p>Attitudes: Respect and Tolerance</p> <p>Approaches to learning : Social Skills (respecting others and cooperating), Communication Skills (speaking and viewing)</p> <p>Subject Focus: Social Studies- Social Organization and culture (Diversity, identity, religion, tradition) , Continuity and Change (history and progress) Language (R,W,L,S), PSPE(interaction) , Arts(reflection and application)</p> <p>Duration: 07 Sept - 17 Oct 2020</p>	<p>An inquiry into orientation in place and time</p> <p>Central Idea An evolution in network of vehicles and services influences the movement of goods and people.</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Development of means of transport • Transporting goods and people • Travel and transportation services. <p>Key Concepts – Change, Function, Connection</p> <p>Related Concepts Growth and transformation, Role and system, relationship and network</p> <p>Learner Profile Attributes- Inquirer, Communicator</p> <p>Attitudes: Curiosity and Confidence</p> <p>Approaches to learning : Research skills (formulating questions and collecting data), Communication skills (reading and presenting)</p> <p>Subject Focus: Math-Shapes and space, Social Studies-Continuity and change through time (progress, innovations) Human systems and economic activities (transportation, employment), Arts (creating) PSPE</p> <p>Duration: 13 Apr – 23 May 2020</p>	<p>An inquiry into the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values</p> <p>Central Idea People communicate and interpret meaning using verbal and non verbal languages.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Languages around us • Language over the time • Communicating through language <p>Key Concepts- Form, Change, Function</p> <p>Related Concepts Differences and structure; Transformation and adaptation; communication</p> <p>Learner Profile Attributes: Communicator and Thinker</p> <p>Attitudes: Enthusiasm, Appreciation and Creativity</p> <p>Approaches to learning : Communication Skills (speaking, listening, reading , writing, viewing and presenting, non verbal communication), Thinking Skills (comprehension and synthesis)</p> <p>Subject Focus: Language (listening, speaking, viewing, presenting, reading and writing), Social studies –Social organization and culture (communication and culture) Arts (Creating)</p> <p>Duration: 06 July – 05Sept 2020</p>	<p>An inquiry into the interaction between the natural world (physical and biological) and human societies;</p> <p>Central Idea Understanding the properties of air allow people make practical applications that has impacts</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Air around us. • Importance of air • Air quality and health <p>Key Concepts- Form , Function, Connection</p> <p>Related Concepts Properties and structure; Role; Consequences</p> <p>Learner Profile Attributes: Knowledgeable and Inquirer</p> <p>Attitudes: Empathy and Independence</p> <p>Approaches to learning : Thinking Skills(analysis and acquisition of knowledge) Research skills (observing, recording data, presenting research findings)</p> <p>Subject Focus: Science – Matter and materials (sustainability, properties, gases) Earth and space (atmosphere, climate, resources), Social studies- Resources and environment(pollution, sustainability), Math-Measurement PSPE- Active living (body control) Interaction (control, preservation), Language (listening and speaking) Arts (Elements and principles of art and design; reflection and appreciation)</p> <p>Duration: 19 Oct – 30 Nov 2020</p>	<p>An inquiry into the societal decision-making;</p> <p>Central Idea Leadership skills can be developed to contribute to the society.</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Leaders in different fields • Skills and attitudes of leaders. • Community leaders <p>Key Concepts- Connection, Perspective, Responsibility</p> <p>Related Concepts Relationship; Truth; Opinion; Initiative; Justice</p> <p>Learner Profile Attributes: Principled, Courageous and Balanced</p> <p>Attitudes: Integrity ,Cooperation , Commitment</p> <p>Approaches to learning : Social skills (accepting responsibility, adopting a variety of group roles), Self- management skills (codes of behavior, safety)</p> <p>Subject Focus: Social studies – Social organization and culture(roles, identity, network, authority, citizenship), Math -data handling, Language(listening and speaking)</p> <p>Duration: 24 Feb – 11 Apr 2020</p>	<p>An inquiry into rights and responsibilities in the struggle to share finite resources with other people and other living things;</p> <p>Central Idea Waste requires effective and responsible system of disposal.</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Wastes produced • Consequences of waste production • Responsible waste management <p>Key Concepts- Causation, Connection, Responsibility</p> <p>Related Concepts Impact and consequence; Relationship; Pollution; Initiative</p> <p>Learner Profile Attributes: Thinker and Caring</p> <p>Attitudes: Commitment and Confidence</p> <p>Approaches to learning : Self-management skills (informed choices, organization), Social skills (respecting others, group decisions)</p> <p>Subject Focus: Science- Material and matter (properties and use, change of state) Social studies – resources and environment(ecology, wealth), Math -Measurement (standard unit), Arts(creating), Language (R, W,V and P), PSPE (interaction –control)</p> <p>Duration: 25 May – 04 July 2020</p>
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<p>An inquiry into the personal, physical, mental , social and spiritual health</p> <p>Central Idea: Lifestyles and habits impact overall personality</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Diverse life styles in modern world • Choices impact on personality • Making informed choices <p>Key Concepts: Connection, Perspective, Responsibility</p> <p>Related Concepts Relationships; opinion, Initiative</p> <p>Learner profile: Attributes Reflective thinker, balanced</p> <p>Attitudes: Cooperation, creativity, commitment</p> <p>Approaches to learning : Thinking skill (Acquisition of knowledge, evaluating, dialectical thought, Comprehension) Self-management skill (healthy lifestyle, informed choices, time management)</p> <p>Subject Focus: PSPE- active living(healthy lifestyle) Identity (spirituality, trust, diversity) Science-Living things (classification, growth), Math –Data Handling (collection and organizing data) Social studies – Social organization and culture (diversity, family, religion) Language – oral, visual and written</p> <p>Duration: 24 Feb - 11 April 2020</p>	<p>An inquiry into the discoveries, explorations and migration of human kind</p> <p>Central Idea: Human explorations can lead to opportunities and new understanding.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Exploration overtime • Reasons for exploration • How explorations have shaped the world <p>Key Concepts: Change, causation , Perspective</p> <p>Related Concepts Sequences; Consequences; Opinion; Settlement</p> <p>Learner profile Attributes: Knowledgeable, Courageous, Inquirer</p> <p>Attitudes: Confidence, Independence , curiosity</p> <p>Approaches to learning : Thinking skill(acquisition of knowledge, comprehension) Research skill (observing, planning, recording data)</p> <p>Subject Focus: Science – Earth and space (geography), Social Studies – Change and continuity through time (exploration, discovery, migration), Math – Shapes and spaces(path and boundaries), Language (O,V,W) PSPE – Identity(initiative and self regulation) and interaction (leadership, team work, safety)</p> <p>Duration: 06 July – 05 Sept 2020</p>	<p>An inquiry into the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values; appreciation of the aesthetic</p> <p>Central Idea: Monuments and artifacts represent our past and cultural heritage.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Analysis of monuments and artifacts • Significance of monuments and artifacts • Preserving cultural heritage <p>Key Concepts: Form , connection, responsibility</p> <p>Related Concepts Structure; Relationships; Initiative</p> <p>Learner profile Attributes: Caring, Communicator, Open minded</p> <p>Attitudes: Appreciation, respect, Tolerance</p> <p>Approaches to learning : Social skill(respecting others, adopting a variety of group roles) Research skill (formulating questions, presenting research findings) Communication Skills – (Writing)</p> <p>Subject Focus: Social Studies –Continuity and change through time (progress, innovation), Social organization and culture (artifacts, diversity, religion, tradition) Arts – creating , Math – Patterns and functions (number, shape) Language (R,W,P,V)</p> <p>Duration: 25 May - 04 July 2020</p>	<p>An inquiry into the impact of scientific and technological advances on society and on the environment</p> <p>Central Idea: Technological advancements help in unfolding the mysteries of the universe.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Mysteries of our universe • Space explorations- tools and journeys • Future of space technology <p>Key Concepts: Function, , change, causation</p> <p>Related Concepts System; Transformation, Impact</p> <p>Learner profile Attributes: Inquirer, courageous knowledgeable</p> <p>Attitudes: Independence, enthusiasm, Curiosity</p> <p>Approaches to learning: Thinking skill (comprehension, application, synthesis) Research skill (formatting questions, observing, organizing data)</p> <p>Subject Focus: Science – Earth and space (natural phenomena, systems, space, resources), Force and energy (technological advances) Social Studies – Human and Natural environment (impact), Continuity and change through time (discoveries and revolution) Math – Measurement (length, weight, capacity, time) Arts - creating, Language (V,P,R,W)</p> <p>Duration: 19 Oct - 30 Nov 2020</p>	<p>An inquiry into the interconnectedness human made systems and communities; the structure and functions of organizations</p> <p>Central Idea: People create organizations to solve problems and support human endeavor and enterprise</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Purpose of organizations • Strategies for problem solving within an organization • What makes an organization successful <p>Key Concepts: Function, Connection, Responsibility</p> <p>Related Concepts Network; Review</p> <p>Learner profile Attributes: Thinker, Caring, Reflective</p> <p>Approaches to learning : Social skill (Group decision making; Adopting a variety of group roles) Self-management Skills (Organization; informed choices)</p> <p>Attitudes: Independence, empathy, Cooperation</p> <p>Subject Focus: Social Studies – Social Organization and Culture Language (V, P, W), Math – Pattern and functions</p> <p>Duration: 07 Sept - 17 Oct 2020</p>	<p>An inquiry into peace and conflict resolution</p> <p>Central Idea: Conflict resolution can help maintain or disrupt peace.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Causes of conflicts and peace • Resolution through different means • Consequences of the choice of resolution <p>Key Concepts: Causation, responsibility, Perspective</p> <p>Related Concepts Impact; Consequences; Justice; Subjectivity</p> <p>Learner profile Attributes: Open-minded, principled, communicator</p> <p>Attitudes: Tolerance, empathy, integrity</p> <p>Approaches to learning: Communication skill (listening, speaking, reading, writing, viewing)non- verbal, Self-management skill(codes of behavior) Social skill(resolving conflicts)</p> <p>Subject Focus: Social Studies – Change and continuity through time (conflict, history),Social organizations and culture (Rights, roles and prejudice) Science – Earth and space (renewable and non renewable energy sources) Language (O,V,W), PSPE – Identity (gender, ethnicity), Interaction (conflict, interdependent, peace, team work, fair play) Math – Numbers (basic operations)</p> <p>Duration: 13 Apr - 23 May 2020</p>
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<p>An inquiry into nature of self</p> <p>Central Idea: Systems within human body function together to sustain life.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Body systems and how they work • Interdependence of body systems • Organ failure and care <p>Key Concepts: Function , Connection, Responsibility</p> <p>Related Concepts Systems; Homeostasis, Initiative</p> <p>Learner Profile Attributes: Balanced , Reflective, Caring</p> <p>Attitudes: Independence, Commitment</p> <p>Approaches to learning: Self-management skills (Gross motor skills, healthy life style) Research skill: (observing, formulating questions</p> <p>Subject related concepts: PSPE-Active living (body control, body form, growth, improvement) Science: living things(body organs and systems) Language: oral visual and written Math: Fractions Arts: creating</p> <p>Duration: 24 Feb – 11 Apr 2020</p>	<p>An inquiry into orientation in place and time.</p> <p>Central Idea: Properties of a landform and living conditions of its people are inter-related.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Variability of physical characteristics of earth. • Relationship between location and settlement • Effect of geography on population and vice versa. <p>Key Concepts: Causation, Connection, Change</p> <p>Related Concepts Impact; Interdependence; Adaptation</p> <p>Learner Profile Attributes: Inquirer, Knowledgeable thinker.</p> <p>Attitudes: Curiosity, Appreciation</p> <p>Approaches to learning : Thinking skills(acquisition of knowledge ,comprehension, analysis) Research skills(planning, collecting data, recording data)</p> <p>Subject related concepts: Social studies: Human and natural environment (population distribution in different regions, land forms, factor affecting landforms and mapping skills. Science: Earth and space(structure of earth, external and internal factors affecting the change of landforms ,conversing life) Arts: (Responding) Math: Measurement</p> <p>Duration: 25 May – 04 July 2020</p>	<p>An inquiry into the way in which we reflect on, extend and enjoy our creativity.</p> <p>Central Idea: Text and images communicate ideas and information.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Use of texts and images in different media • Ways of designing texts and images • Influence of media on views and beliefs. <p>Key Concepts: Function, Form, Causation</p> <p>Related Concepts Communication, Structure and Impact</p> <p>Learner Profile Attributes: Communicator, Open minded and Courageous</p> <p>Attitudes: Appreciation, confidence and Enthusiasm</p> <p>Approaches to learning : Social skills(group decision making, accepting responsibility) Communication skills(oral, visual and written)</p> <p>Subject related concepts: Social studies: Social Organizations and culture (communication) Human systems and economic activities(communication) Arts:(Responding and creating) Language: (oral visual and written)</p> <p>Duration: 06 July – 05 Sept 2020</p>	<p>An inquiry into how humans use their understanding of scientific principles; the impact of scientific and technological advances on society and on the environment</p> <p>Central Idea: Energy may be transformed and used to support human progress</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Energy and its consumption • Transformation of energy. • Sustainable energy practices <p>Key Concepts: Function, Change, Perspective</p> <p>Related Concepts Role; Transformation; Opinion</p> <p>Learner Profile Attributes: Inquirer, Thinker</p> <p>Attitudes: Curiosity, Creativity</p> <p>Approaches to learning : Self-management skills (spatial awareness and organization) Thinking skills(analysis and synthesis Research skills (Interpreting data)</p> <p>Subject related concepts: Social studies: Continuity and change through time(Evolution of machines, innovation Science: Forces and energy (types of machines, force, its types and energy) Math: Shapes and patterns Language:(oral visual and written)</p> <p>Duration: 13 Apr -23 May 2020</p>	<p>An inquiry into economic activities and their impact on human kind and their environment</p> <p>Central Idea: Economic activities rely on systems of production and consumption of goods and services.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Process of production and consumption • Distribution of goods and services • Rights and responsibilities of producers and consumers. <p>Key Concepts: Form, Connection, Responsibility</p> <p>Related Concepts Process ; System; Citizenship</p> <p>Learner Profile Attributes: Communicator, Principled thinker.</p> <p>Attitudes: Tolerance, Commitment, Integrity</p> <p>Approaches to learning : Communication skills: (oral visual and written) Social Skills (accepting responsibility; working in groups)</p> <p>Subject related concepts: Social studies: Human systems and economic activities(needs and wants, goods and services, production and consumption) Arts: creating Math: Money</p> <p>Duration: 19 Oct - 30 Nov 2020</p>	<p>An inquiry into access to equal opportunities</p> <p>Central Idea: Children worldwide encounter a range of opportunities and challenges.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Access to equal opportunities • Children’s response to challenges and opportunities faced • Promotion of equal opportunities among children <p>Key Concepts: Form, Perspective, Responsibility</p> <p>Related Concepts Similarities and differences; Opinion; Justice</p> <p>Learner Profile Attributes: Open minded, Courageous, Principled</p> <p>Attitudes: Respect, Empathy, Cooperation</p> <p>Approaches to learning : Social skills (accepting responsibility, resolving conflicts) Thinking skills (meta cognition) Communication skills (oral visual and written)</p> <p>Subject related concepts: Social studies: Social organizations and culture (universal declaration of child rights) Human system and economic activity(individual/organization that promote and preserve children’s rights and roles) Math: numbers Arts: creating Language: (oral visual and written)</p> <p>Duration: 07 Sept -17 Oct 2020</p>
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Exhibition Unit (Aug - Oct 2020)

<p>An inquiry into the relationship between and the inter connectedness of individuals and civilizations, from local and global perspectives.</p> <p>Central Idea Modern societies have evolved from past civilizations.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Rise or fall of civilizations • Evolution of societies over the ages • Societies in the future <p>Key Concepts: Causation, Change, Perspective</p> <p>Related Concepts Sequences and consequences; Growth; Opinion</p> <p>Learner Profile Attributes: Open-minded thinker and Reflective</p> <p>Attitudes Creativity, Respect, and Tolerance</p> <p>Approaches to learning : Thinking skills(acquisition of knowledge, comprehension, application, analysis, synthesis, evaluation, dialectical thoughts and meta cognition) Social skills (group decision making, cooperating)</p> <p>Subject focus: Social Studies- Continuity and change through time(civilizations, history); Social organization and culture(artifacts, religion, traditions), Arts (responding and creating), Language(oral, visual and written), Math- Measurement (timeline) PSPE- Identity(diversity and heritage) Interactions(culture)</p> <p>Duration: 06 July – 05 Sept 2020</p>	<p>An inquiry into the ways in which we reflect or enjoy our creativity.</p> <p>Central Idea Art can be used to communicate and contribute</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Purpose of different art form • Cultural significance of art • Creating art for a cause <p>Key Concepts: Function, Perspective , Responsibility</p> <p>Related Concepts Communication; Opinion and beliefs; Initiative</p> <p>Learner Profile Attributes: Knowledgeable Communicator, Balanced</p> <p>Attitudes Appreciation, Creativity and Confidence</p> <p>Approaches to learning : Communication skills (reading, writing, viewing, non verbal communication), Thinking skills (dialectical thoughts, synthesis, comprehension), Self-Management skills(fine motor, informed choices, spatial awareness)</p> <p>Subject focus: Social studies- Social organization and culture(Diversity), Language(oral, visual, written), Arts(responding and creating)</p> <p>Duration: 24 Feb – 11 April 2020</p>	<p>An inquiry into the impact of scientific and technological advances on society and the environment.</p> <p>Central Idea Sustainable agricultural practices can influence production and environment</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Methods and technology used by farmers • Technology and agricultural production • Eco-friendly farming <p>Key Concepts: Change, Connection , Responsibility</p> <p>Related Concepts Growth; Relationship</p> <p>Learner Profile Attributes: Balanced, Courageous and Communicator</p> <p>Attitudes Appreciation, Confidence , Creativity</p> <p>Approaches to learning : Thinking skills (acquisition of knowledge), Research Skills(formulating questions, collecting data , presenting research findings)</p> <p>Subject focus: Social studies- Resources and the environment- sustainability, Language(oral, visual, written), Science (Earth and space-climate , erosion and sustainability)</p> <p>Duration: 13 April - 23 May 2020</p>	<p>An inquiry into the structure and function of organizations; societal decision making</p> <p>Central Idea Government can promote or deny social justice.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Types of governments • How governments function • Enforcement and violation of laws <p>Key Concepts Form, Function, Responsibility</p> <p>Related Concepts Structure; Role and Justice</p> <p>Learner Profile Attributes: Open minded, Principled inquirer, Communicator</p> <p>Attitudes Confidence, Integrity and Cooperation</p> <p>Approaches to learning : Social skills(resolving conflicts, adopting the variety of group roles) Research skills (planning, collecting data, recording data, presenting research finding), Self- management skills (organization, codes of behavior, informed choices)</p> <p>Subject focus: Social studies- Human system and economic activities (government, justice, legislation), Social organization and culture(authority, rights, roles, prejudice) Math (Data handling) and Language(oral, visual, written)</p> <p>Duration: 19 Oct - 13 Nov 2020</p>	<p>An inquiry into rights and responsibilities in the struggle to share finite resources with other people and other living things</p> <p>Central Idea Maintaining the balance between the organisms and habitat preserves biodiversity.</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Components of biodiversity • Interdependence in nature • Maintaining the balance <p>Key Concepts Form , Connection, Change)</p> <p>Related Concepts Types; Features; Network and Transformation</p> <p>Learner Profile Attributes: Knowledgeable, Caring, and Inquirer</p> <p>Attitudes Commitment, Empathy and Independence</p> <p>Approaches to learning : Communication skills (reading, writing) and Research skills (formulating questions, observing, collection of data, presenting research findings)</p> <p>Subject focus: Science-Living things(biodiversity, ecosystems, classification), Earth and space(resources, sustainability) Language (oral, visual and written) ;</p> <p>Duration: 25 May – 04 July 2020</p>
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