


<p>Discovery School's Program of Inquiry</p> 	<p>Who we are An inquiry into the nature of the self; beliefs & values; personal, physical, mental, social and spiritual health; human relationships including families, friends, communities, and cultures; rights & responsibilities; what it means to be human.</p>	<p>Where we are in place & time An inquiry into orientation in place and time; personal histories; homes and journeys; the discoveries, explorations and migrations of humankind; the relationships between and the interconnectedness of individuals and civilizations, from local & global perspectives.</p>	<p>How we express ourselves An inquiry into the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values; the ways in which we reflect on, extend and enjoy our creativity; our appreciation of the aesthetic.</p>	<p>How the world works An inquiry into the natural world and its laws; the interaction between the natural world (physical & 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>How we organize ourselves An inquiry into the interconnectedness of human-made systems and communities; the structure and function of organizations; societal decision-making; economic activities and their impact on humankind and the environment.</p>	<p>Sharing the planet An inquiry into rights and responsibilities in the struggle to share finite resources with other people and with other living things; communities and the relationships within and between them; access to equal opportunities; peace and conflict resolution.</p>
<p>PS</p>	<p>Central Idea: Learning about ourselves helps us to understand how we are similar or different.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Similarities and differences among individuals - Different likes and dislikes - Our relationships with different people <p>Key Concepts: form, perspective, connection</p> <p>Related Concepts: Identity, diversity, relationships</p>		<p>Central Idea: Play invites opportunities for communication and discovery.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - What play is - Ways to communicate during play - Our responsibilities during play <p>Key Concepts: form, function, responsibility,</p> <p>Related Concepts: Safety, communication, play</p>		<p>Central Idea: Human-made systems connect communities.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Different human-made systems - How systems impact communities - The relationship between systems and communities <p>Key Concepts: form, causation, connection</p> <p>Related Concepts: Community, systems, transportation</p>	<p>Central Idea: People depend on living things.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - The characteristics of living things - How products from living things can change - The relationship between living things <p>Key Concepts: form, change, connection</p> <p>Related Concepts: Characteristics, resources, interdependence</p>
<p>PK</p>	<p>Central Idea: Choices impact our health.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - The opinions of different choices we can make - The connection between choices and well-being - Our responsibility to make positive choices <p>Key Concepts: perspective, connection, responsibility</p> <p>Related Concepts: Choices, health cause/effect</p>	<p>Central Idea: Homes reflect identity and circumstances.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Types of homes - How homes fulfill our basic needs - Why homes vary according to culture <p>Key Concepts: form, connection, causation</p> <p>Related Concepts: Shelter, needs, identity</p>	<p>Central Idea: Creativity cultivates learning.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - What creativity is - How is creativity connected to learning - The creative process <p>Key Concepts: form, connection, function</p> <p>Related Concepts: Creativity, points of view, imagination</p>	<p>Central Idea: Observation generates questions.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Types of observations - Cycles and progression - The causes of changes <p>Key Concepts: form, change, causation</p> <p>Related Concepts: Observations, cycles, organisms</p>		
<p>K</p>	<p>Central Idea: The IB Learner Profile can guide our behavior.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - The beliefs of the learner profile - How the learner profile guides our relationships - How we can exemplify a trait <p>Key Concepts: responsibility, perspective, causation</p> <p>Related Concepts: Values, behavior</p>	<p>Central Idea: Personal histories shape identity.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - How our identity connects us to others - How timelines can measure time and events - How our personal histories make us unique <p>Key Concepts: connection, function, causation</p> <p>Related Concepts: Similarities/Differences, chronology</p>	<p>Central Idea: Music evokes emotion.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - The different emotions music/sounds can create - How sound is transmitted - How sounds can be put together to create music <p>Key Concepts: form, function, perspective</p> <p>Related Concepts: Emotion, sound, patterns</p>			<p>Central Idea: Living things have different characteristics that contribute to their survival.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - The characteristics of living things - How some living things change to suit their environment - How to show respect and act responsibly towards living things <p>Key Concepts: form, change, responsibility</p> <p>Related Concepts: Habitats, respect</p>

<p>1st</p>	<p>Central Idea: People in communities have rights and responsibilities.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - What rights are - The ways in which we can promote our rights - Our community responsibilities <p>Key Concepts: form, function, responsibility</p> <p>Related Concepts: Rights, responsibilities</p>	<p>Central Idea: Signs and symbols help us to discover meaning.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - The properties of signs and symbols around the world - The reasons for signs and symbols - How signs and symbols communicate meaning. <p>Key Concepts: form, causation, function,</p> <p>Related Concepts: Location, signs and symbols</p>	<p>Central Idea: Visual art communicates ideas.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Different forms of visual art - How ideas can be communicated through art - The interpretation of art <p>Key Concepts: form, function, perspective</p> <p>Related Concepts: Properties, communication, opinion,</p>	<p>Central Idea: Everything is made up of matter.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - The properties of materials - How matter can be used - How matter can change <p>Key Concepts: form, function, change</p> <p>Related Concepts: Properties of materials, changes of state</p>	<p>Central Idea: A marketplace serves the needs and wants of a community.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - The role of money in a marketplace - The relationship between consumers, goods and services - Our responsibility as consumers, and producers <p>Key Concepts: function, connection, responsibility</p> <p>Related Concepts: Marketplace, producer/consumer</p>	<p>Central Idea: Human interaction with the environment is changing our climate.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - How our climate is changing - Causes of climate change - Our responsibility to prevent climate change <p>Key concepts- change, function, responsibility</p> <p>Related Concepts: Climate, pollution</p>
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<p>2nd</p>	<p>Central Idea: Traditions and celebrations can unify communities.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - The origins of different traditions - Features of traditions/celebrations - The points of view of different traditions <p>Key Concepts: causation, form, perspective</p> <p>Related Concepts: Traditions, celebrations</p>	<p>Central Idea: Technology has transformed daily life.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - The changes in technology - How technology connects us - The impact of technology in our lives <p>Key Concepts: change, connection, causation</p> <p>Related Concepts: Technology, progress</p>	<p>Central Idea: Communication has the power to teach values motivating action.</p> <p>Lines of Inquiry: -</p> <ul style="list-style-type: none"> - The properties of stories - The values of stories - How stories move us to act <p>Key Concepts: causation, form, perspective</p> <p>Related Concepts: Stories, moral, inspiration</p>	<p>Central Idea: Forces simplify tasks.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Different types of forces - How forces work - How forces make work easier <p>Key Concepts: form, function, causation</p> <p>Related Concepts: Types of forces, cause and effect</p>	<p>Central Idea: Maps and globes communicate the order of our world.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - The properties of maps and globes - How maps and globes are organized - Maps and globes as a system of organizing regions <p>Key Concepts: form, function, connection</p> <p>Related Concepts: Maps/Globes, regions, geography</p>	<p>Central Idea: Our use of natural resources can impact the environment.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - The causes of environmental change - How the environment is changing - Our responsibility to conserve natural resources <p>Key Concepts: causation, change responsibility</p> <p>Related Concepts: Conservation, ecology, natural resources</p>
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<p>3rd</p>	<p>Central Idea: The human body is an intricate system.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Specialized structures in the human body - How the systems of the human body work together - How choices affect the human body <p>Key Concepts: causation, connection, responsibility</p> <p>Related Concepts: Systems, interdependent</p>	<p>Central Idea: History can be analyzed through primary sources.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - What primary sources are -How sources can show change over time - The perspectives of people in history <p>Key Concepts: causation, connection, change</p> <p>Related Concepts: History, sources</p>	<p>Central Idea: People use different forms of expression to convey their uniqueness as human beings.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Forms of poetry - How poetry expresses ideas and feelings - Our opinions of different poems <p>Key Concepts: form, function, perspective</p> <p>Related Concepts: Expression, poetic devices, imagery</p>	<p>Central Idea: Life depends on the ability to adapt.</p> <p>Lines of Inquiry:-</p> <ul style="list-style-type: none"> - The adaptations of living things - The changes living things go through - Why living things need to adapt <p>Key Concepts: form, change, causation</p> <p>Related Concepts: Evolve, adaptation, growth</p>	<p>Central Idea: Laws and rules guide and regulate our lives.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - The relationship between rules and consequences - Our responsibility to abide by laws and rules - How societies communicate expectations <p>Key Concepts: connection, responsibility, function</p> <p>Related Concepts: Social expectations, communication, laws and rules</p>	<p>Central Idea: Risk-taking can lead to equal opportunities.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - The properties of risk-taking - The points of view of equal opportunities - How decisions about equal opportunities are made and enacted <p>Key Concepts: form, perspective, responsibility</p> <p>Related Concepts: Equal opportunities, legislation, civil rights</p>
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<p>4th</p>	<p>Central Idea: Diversity enhances populations.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - What diversity is - How we can classify diversity - The causes of diversity <p>Key Concepts: form, perspective, causation</p> <p>Related Concepts: Diversity, classification</p>	<p>Central Idea: Changing factors shape the Earth.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - The geological structure of the Earth - How factors continue to change the Earth - Humankind's response to geological changes <p>Key Concepts: form, causation, responsibility</p> <p>Related Concepts: Erosion, tectonic plate movement</p>	<p>Central Idea: Performance is a form of artistic expression.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - The different ways people can perform - The importance of practice in developing a performance - Our responsibility during performances <p>Key Concepts: form, change, responsibility</p> <p>Related Concepts: Performance, practice/rehearse</p>	<p>Central Idea: Energy transforms societies.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Types of energy sources - How energy is produced - Responsible energy use <p>Key Concepts: form, function, responsibility</p> <p>Related Concepts: Forms of energy, power</p>	<p>Central Idea: People are organized differently around the world.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - The structure of governments - How governments work - How governments contribute to a society <p>Key Concepts: form, function, causation</p> <p>Related Concepts: Government, leadership</p>	<p>Central Idea: Conflict can be resolved in a variety of ways.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Historical causes of conflict - How conflict changes people and places - Our responsibility to resolve personal conflicts <p>Key Concepts: causation, change, responsibility</p> <p>Related Concepts: Conflict, revolution, resolution</p>
<p>5th</p>	<p>Central Idea: Our participation as citizens can influence global issues.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - The ways people can participate in their community - The different opinions of global issues - Our responsibility as citizens <p>Key Concepts: form, function, responsibility</p> <p>Related Concepts: Civic participation, citizenship</p>	<p>Central Idea: Exploration leads to discoveries.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - The impact of exploration - The changes brought about by exploration - The interpretation of different explorations and how they lead to different understandings <p>Key Concepts: connection, causation, change, perspective</p> <p>Related Concepts: Exploration, journey, discovery</p>	<p>Central Idea: Advertising influences how we think and the choices we make.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Our responsibility to make informed choices - How advertising communicates beliefs and values - How advertising influence us <p>Key Concepts: responsibility, function, causation</p> <p>Related Concepts: Advertising, influence, values</p>	<p>Central Idea: Scientific principles deepen our knowledge of the universe.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> - Patterns in and beyond our solar system - How the laws of light, sound and motion work - How our understanding of scientific principles have changed <p>Key concepts: form, function, change</p> <p>Related concepts: Patterns, physics</p>	<p>Central Idea: Our economy is dependant on trade and employment.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - How the economy works - Our responsibility to participate in the economy - Factors that influence the economy <p>Key Concepts: function, responsibility, causation</p> <p>Related Concepts: Economy, supply and demand, goods and services</p>	<p>Central Idea: Organisms perform a variety of roles in ecosystems.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - The roles of different organisms - How the changes in an ecosystem can transform organisms - The relationship between ecosystems and organisms <p>Key Concepts: function, change, connection</p> <p>Related Concepts: Organisms, ecosystems</p>
<p>6th</p>	<p>Central Idea: Cells contribute to the health of organisms.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - What cells are - How cells work - The relationship between cells and our health <p>Key Concepts: form, function, connection</p> <p>Related Concepts: Cells, genetics</p>	<p>Central Idea: Innovation allows civilizations to grow and develop.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - The causes of innovation - How past civilizations worked - How innovation allows civilizations to develop <p>Key Concepts: causation, function, connection</p> <p>Related Concepts: Innovation, civilizations and origins</p>	<p>Central Idea: Religion influences the modern world.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - The features of different religions - The relationship between different religions - The opinions of religions on contemporary issues <p>Key Concepts: form, connection, perspective</p> <p>Related Concepts: Religion, beliefs</p>	<p>Central Idea: Geology exposes the past.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - How we classify rocks, minerals and soil (geological resources) - The uses of rocks, minerals and soil - How geological resources can change <p>Key Concepts: form, function, change</p> <p>Related Concepts: Geology, properties, classification</p>	<p>Central Idea: Decision-making is optimized through evaluation.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - How data drives decision making (who and how it is used) - Our responsibility to evaluate data for it's reliability - The relationship between decision-making and data <p>Key Concepts: causation, responsibility, connection</p> <p>Related Concepts: reliability, decision-making, data</p>	<p>Central Idea: Systems maintain efficiency through interdependent relationships.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - How systems are organized - How systems work to organize the whole (micro) - How systems connect to create a whole (macro) <p>Key Concepts: form, function, connection</p> <p>Related Concepts: systems, interdependence, network</p> <p style="text-align: center;">--- EXHIBITION ---</p>