

Beecher Hills IB Programme of Inquiry 2021 - 2022

| | 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 |
|------------------|---|--|--|---|--|--|
| Pre-Kindergarten | <p>Central Idea: People depend on friends and family</p> <p>Key Concepts: form, connection, responsibility</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> How roles create responsibilities Family and friend relationships How behaviors affect relationships <p>Learner Profile: Communicator Open-Minded</p> <p>ATL Skills: Social Skills (Interpersonal)</p> | | <p>Central Idea: People use music and movement to express themselves</p> <p>Key Concepts: perspective</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Different forms of music and movement Communicating feelings through music Impact on person's life <p>Learner Profile: Balanced, Reflective Courageous</p> <p>ATL Skills: Self-Management (States of Mind)</p> | | <p>Central Idea: Communities use resources to function</p> <p>Key Concepts: function and responsibility</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Types of communities Resources in a community Resources connected to everyday life <p>Learner Profile: Principled, Inquirer Thinker</p> <p>ATL Skills: Thinking (Critical and Creative)</p> | <p>Central Idea: The world is full of things that live and grow</p> <p>Key Concepts: causation and change</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> living vs nonliving things how things grow how changes affect living things <p>Learner Profile: Knowledgeable and Caring</p> <p>ATL Skills: Communication (Literacy)</p> |
| Kindergarten | <p>Central Idea: Interactions influence responsibilities</p> <p>Key Concepts: change, perspective, responsibility</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> How interactions change How interactions look Responsibilities of interactions <p>Learner Profile: Principled and Communicator</p> <p>ATL Skills: Thinking (Critical)</p> | <p>Central Idea: World patterns change over time</p> <p>Key Concepts: connections, change and causation</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> How patterns connect to change How things change Causes of change <p>Learner Profile: Inquirer and Knowledgeable</p> <p>ATL Skills: Research (Information- Literacy)</p> | <p>Central Idea: Perspectives impact choices</p> <p>Key Concepts: form, causation and perspective</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Choices we make Why choices are made How beliefs influence decisions <p>Learner Profile: Open-minded and Balanced</p> <p>ATL Skills: Social (Interpersonal)</p> | <p>Central Idea: Investigations drive decisions</p> <p>Key Concepts: function, form, perspective</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> How investigations work Types of investigations What influences decisions <p>Learner Profile: Thinker and Inquirer</p> <p>ATL Skills: Self-Management (States of Mind)</p> | <p>Central Idea: Connections help organize our world</p> <p>Key Concepts: Function Connections Responsibility</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> How our community is organized How communities are connected Our responsibility to our community <p>Learner Profile: Courageous Caring</p> <p>ATL Skills: Communication (Exchange Information)</p> | <p>Central Idea: Habits affect the way things live</p> <p>Key Concepts: function, form and causation</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Function of habits Types of habits Causes of habits <p>Learner Profile: Reflective and Caring</p> <p>ATL Skills: Research (Information Literacy)</p> |

| | 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 |
|-----------------------|---|--|---|---|--|--|
| 1 st Grade | <p>Central Idea: Positive relationships affect living things</p> <p>Key Concepts: change, perspective, responsibility</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> How positive relationships change their outlook Ways humans are responsible Impact of humans on animals <p>Learner Profile: Reflective and Balanced</p> <p>ATL Skills: Self-Management (States of Mind)</p> | <p>Central Idea: Innovative thinking can lead to new inventions that are useful around the world</p> <p>Key Concepts: function, perspective and form</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Contributors in society Advances on society Sources of natural and artificial light <p>Learner Profile: Thinker and Inquirer</p> <p>ATL Skills: Research (Information-Literacy)</p> | <p>Central Idea: Resources help us learn and communicate about nature and culture</p> <p>Key Concepts: form, causation and connection</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Ways we express patriotism Ways we discover and communicate about patterns in nature How authors express ideas through writing <p>Learner Profile: Inquirer and Open-Minded</p> <p>ATL Skills: Communication (Exchange Information)</p> | <p>Central Idea: Technical advances change society</p> <p>Key Concepts: function, causation and perspective</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> How forces attract and repel Use of magnets Changes in technology <p>Learner Profile: Knowledgeable and Thinker</p> <p>ATL Skills: Thinking (Transfer)</p> | <p>Central Idea: Humans interact with the environment and create communities to meet their needs</p> <p>Key Concepts: change, connection and form</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Societal Change What is sound Sounds in our environment <p>Learner Profile: Courageous and Communicator</p> <p>ATL Skills: Thinking (Reflection)</p> | <p>Central Idea: People and animals work together to meet their needs</p> <p>Key Concepts: function, responsibility and change</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> How communities help change societies Impact of resources Role of community helpers and plants in our community <p>Learner Profile: Balanced, Principled and Caring</p> <p>ATL Skills: Social (Interpersonal)</p> |
| 2 nd Grade | <p>Central Idea: Systems lead to change</p> <p>Key Concepts: change, form, function</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Development of patterns How beliefs change How systems operate <p>Learner Profile: Knowledgeable and Inquirers</p> <p>ATL Skills: Research (Information – Literacy)</p> | <p>Central Idea: The past connects the present</p> <p>Key Concepts: connections, responsibility and causation</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Seasonal change Contributions of the past Present day responsibilities <p>Learner Profile: Communicator and Reflective</p> <p>ATL Skills: Thinking (Critical and Creative)</p> | <p>Central Idea: Beliefs influence decisions</p> <p>Key Concepts: perspective, causation and connections</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> How personal experiences impact beliefs How energy impacts physical change How beliefs and decisions are connection <p>Learner Profile: Open-minded and Caring</p> <p>ATL Skills: Social (Interpersonal) Self-Management (States of Mind)</p> | <p>Central Idea: Forces impact choices</p> <p>Key Concepts: function, change, connections</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> How forces work How forces influence change Relationships between interactions and forces <p>Learner Profile: Courageous and Balanced</p> <p>ATL Skills: Communication (Exchange Information)</p> | <p>Central Idea: Discoveries promote new perspectives</p> <p>Key Concepts: responsibility, change and perspective</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Impact of decisions How the world changed Expression of ideas <p>Learner Profile: Principled and Thinker</p> <p>ATL Skills: Social (Intrapersonal) and Thinking (Reflection)</p> | <p>Central Idea: The world is made up of cycles</p> <p>Key Concepts: form, change, connections</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> How cycles change How cycles connect What is a cycle <p>Learner Profile: Thinker and Knowledgeable</p> <p>ATL Skills: Research (Media Literacy) and Thinking (Transfer)</p> |

| | 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 |
|-----------|--|---|---|---|--|---|
| 3rd Grade | <p>Central Idea: Systems balance power</p> <p>Key Concepts: responsibility, function and change</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Responsibilities of systems How things balance How beliefs change <p>Learner Profile: Principled and Balanced</p> <p>ATL Skills: Self-Management (Organization Skills)</p> | <p>Central Idea: Exploration leads to discoveries</p> <p>Key Concepts: perspective, connection and causation</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Ways different perspectives lead to cooperation and conflict Connections in the environment Reasons people explore <p>Learner Profile: Courageous and Knowledgeable</p> <p>ATL Skills: Communication (Exchanging Informational Skills)</p> | <p>Central Idea: Past experiences help us to understand our beliefs and values</p> <p>Key Concepts: causation, perspective, and connection</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> How our past influences our beliefs and values Ways that conflict changes perspectives How interactions and migration form new connections <p>Learner Profile: Open-minded</p> <p>ATL Skills: Social (Interpersonal)</p> | <p>Central Idea: Perspectives impact responsibilities</p> <p>Key Concepts: perspective, form and responsibilities</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Perspective of cultures How people interact with the world Responsibilities in communities <p>Learner Profile: Caring and Reflective</p> <p>ATL Skills: Self-Management (States of Mind)</p> | <p>Central Idea: Change creates patterns</p> <p>Key Concepts: function, connection and change</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> How economics and environmental resources work How economics influence choices Goods/Services changes communities <p>Learner Profile: Communicators</p> <p>ATL Skills: Thinking (Creative Thinking Skills)</p> | <p>Central Idea: Location affects the relationships of organisms and numbers</p> <p>Key Concepts: change, form and function</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> How changes in location affect relationships Characteristics of habitats How our number system works <p>Learner Profile: Inquirers and Thinkers</p> <p>ATL Skills: Research (Media-Literacy Skills)</p> |
| 4th Grade | <p>Central Idea: Forces affect the world around us</p> <p>Key Concepts: causation, responsibility and form</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Causes of forces Investigating forces How forces affect our daily lives <p>Learner Profile: Balanced and Courageous</p> <p>ATL Skills: Thinking (Creative and Critical)</p> | <p>Central Idea: Events inform decisions</p> <p>Key Concepts: perspective, causation and form</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> How our perspective informs decision Causes of decisions Factors needed to make decisions <p>Learner Profile: Thinker and Inquirers</p> <p>ATL Skills: Communication (Exchange Information and Literacy)</p> | <p>Central Idea: Change happens over time</p> <p>Key Concepts: change, connection and perspective</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Why things alter How interactions influence change Patterns we observe over time <p>Learner Profile: Open-minded and Communicators</p> <p>ATL Skills: Research (Ethical Use, Information Literacy, Media Literacy)</p> | <p>Central Idea: Scientific and technological advances impact society and the environment</p> <p>Key Concepts: function, causation, and responsibility</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Patterns of discoveries related to space Factors in making discoveries Scientific and technological advances <p>Learner Profile: Reflective and Inquirer</p> <p>ATL Skills: Social (Intrapersonal)</p> | <p>Central Idea: Systems create order</p> <p>Key Concepts: form, function and connection</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Types of systems How systems work How systems connect <p>Learner Profile: Knowledgeable and Caring</p> <p>ATL Skills: Research (Ethical Use)</p> | <p>Central Idea: Locations impact experiences</p> <p>Key Concepts: perspective, change and causation</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Experiences in various places How locations change experiences Different views impact experiences <p>Learner Profile: Thinker and Principled</p> <p>ATL Skills: Self-Management (Organization Skills and State of Mind)</p> |

| | 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 |
|-----------------|--|---|---|---|--|---|
| 5th Grade | <p>Central Idea: Change impacts relationships</p> <p>Key Concepts: form, change, responsibility</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> How structures are formed Factors considered when making decisions How order changes outcomes <p>Learner Profile: Communicator Open-Minded</p> <p>ATL Skills: Communication Skills – (Exchanging Information)</p> | <p>Central Idea: Unbalanced forces alter outcome</p> <p>Key Concepts: connections, perspective and causation</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> What causes forces to be unbalanced How do point of views connect communities Implications of perspective <p>Learner Profile: Principled and Knowledgeable</p> <p>ATL Skills: Research – (Information Literacy Skills)</p> | <p>Central Idea: Technology shapes perspectives</p> <p>Key Concepts: change, form and perspective</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Effects of technology How technology evolves What is competition like <p>Learner Profile: Courageous and Open-Minded</p> <p>ATL Skills: Research Skills Media Literacy (Considering Online Perspectives)</p> | <p>Central Idea: Societies adapt to environmental discoveries</p> <p>Key Concepts: function, change and causation</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> What cause changes in environments How societies function in the natural world How societies adapt to change <p>Learner Profile: Inquirer and Thinkers</p> <p>ATL Skills: Thinking Skills Creative – Thinking Skills (Considering new perspectives) and Reflection Skills (Metacognitive)</p> | <p>Central Idea: Decision making generates transitions</p> <p>Key Concepts: causation, function and connection</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Causes of transitions Impact of decision making Influence of tension <p>Learner Profile: Caring and Thinker</p> <p>ATL Skills: Self-Management Skills, Time Management, States of Mind (Perseverance)</p> | <p>Central Idea: Movement evokes conflict</p> <p>Key Concepts: responsibility, change and perspective</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Factors in making decisions Behaviors that led to conflict Response to conflict <p>Learner Profile: Balance and Principled</p> <p>ATL Skills: Social Skills, Develop positive interpersonal relationships and collaboration skills (Resolving Conflict)</p> |
| Specialist Team | <p>Central Idea: The human body has various expressions and functions that impact our world</p> <p>Key Concepts: connection, responsibility and function</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Vary based on Specialist Team individual areas <p>Learner Profile: Balanced and Courageous</p> <p>ATL Skills: Thinking (Transfer)</p> <p>Specialist Team includes: Art, Music, PE, Spanish, Technology, STEM</p> | <p>Central Idea: Learning about cultures helps us understand how we are connected to those around us</p> <p>Key Concepts: connections, perspective and responsibility</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Vary based on Specialist Team individual areas <p>Learner Profile: Knowledgeable and Inquirer</p> <p>ATL Skills: Social (Interpersonal)</p> <p>Specialist Team includes: Art, Music, PE, Spanish, Technology, STEM</p> | <p>Central Idea: People use different forms of expression to show their uniqueness as human beings</p> <p>Key Concepts: responsibility, connection and change</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Vary based on Specialist Team individual areas <p>Learner Profile: Principled and Communicator</p> <p>ATL Skills: Communication (ICT)</p> <p>Specialist Team includes: Art, Music, PE, Spanish, Technology, STEM</p> | <p>Central Idea: People design solutions to solve problems encountered in the world</p> <p>Key Concepts: causation, form, perspective</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Vary based on Specialist Team individual areas <p>Learner Profile: Thinker and Reflective</p> <p>ATL Skills: Research (Media Literacy)</p> <p>Specialist Team includes: Art, Music, PE, Spanish, Technology, STEM</p> | <p>Central Idea: Patterns help us organize our world</p> <p>Key Concepts: form, change and function</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Vary based on Specialist Team individual areas <p>Learner Profile: Thinker</p> <p>ATL Skills: Self-Management (Organization)</p> <p>Specialist Team includes: Art, Music, PE, Spanish, Technology, STEM</p> | <p>Central Idea: Our knowledge and talents help us collaborate with others globally to achieve common goals</p> <p>Key Concepts: function, responsibility and perspective</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Vary based on Specialist Team individual areas <p>Learner Profile: Open-Minded and Caring</p> <p>ATL Skills: Social (Interpersonal)</p> <p>Specialist Team includes: Art, Music, PE, Spanish, Technology, STEM</p> |