

Unit Title Year 1	MYP Key Concept	MYP Related Concepts	MYP Global Context	Statement of Inquiry	MYP (Criterion) Objectives	ATL Skills
Number Systems: Civilizations and Human Interactions.	Form	Representation Systems	Orientation in Time and Space.	Different systems and forms of representation develop as civilizations evolve and humans interact.	A C B D	Social: Collaboration B.9 Listen actively to other perspectives and ideas. Research: Information D.6 Present information in a variety of formats and platforms.
Percentages: Inequality and Difference,	Form	Equivalence Quantity	Fairness and Development	Inequality and difference become clearer through the use of equivalent forms of quantities.	A C B D	Social: Collaboration B.2 Practice empathy. Self-Management: Organization C.1 Plan short and long term assignment and meet deadlines.
Algebra Expressions Equations: Patterns Nature	Logic	Generalization Models Patterns	Scientific and Technical Innovation	A logical process helps to model and generalize patterns in the natural world.	A C B D	Self-Management: Reflection C.3.5 Consider Content Thinking: Creative E.2.11 Practice visible thinking strategies and techniques.
Geometric Constructions – Artistry and Creativity	Form	Measurement	Personal and Cultural Expression.	Artistry and creativity are enhanced through an understanding of how measurements helps define forms.	A C B D	Research: Information D.5 Use memory techniques to develop memory Thinking: Transfer E.3.5 Make connections between subject groups and disciplines.
Fractions: Human Connections	Logic	Quantity Simplification	Identities and Relationships	Using logic to simply and manipulate quantities can help us explore human connections within families, communities and cultures.	A C B D	Thinking: Critical E.7 Draw reasonable conclusions and generalizations. Communication: Communication A..1 Give and receive meaningful feedback.
Data Management: Trends In Communities	Relationships	Representation Justification	Identities and Relationships	Being able to represent relationships effectively can help justify characteristics and trends uncovered in communities	A C B D	Research: Media D.2.6 Communicate information and ideas effectively to multiple audiences. Thinking: Critical E.18 Identify trends and forecast possibilities.
Perimeter, Area and Volume: Environmental Impacts	Relationships	Generalization Measurement	Globalization and Sustainability	Generalizing the relationship between measurements can influence decisions that impact the environment,	A C B D	Thinking: Creative E.2.5 Design improvements to existing machines, media technologies. Self-Management: Reflection C.3.9 Consider ethical, cultural & environmental implications.

Unit Title Year 2	MYP Key Concept	MYP Related Concepts	MYP Global Context	Statement of Inquiry	MYP (Criterion) Objectives	ATL Skills
Ratios and Proportions: Competition & Cooperation	Logic	Equivalence Quantity Cooperation	Identities and Relationships	Using a logical process to simplify quantities and establish equivalence can help analyze competition and cooperation	A C B D	Self-Management Organization C.2. Create plans to prepare for summative assessments. Self-Management: Affective C.2.12 Practice positive thinking.
Probability: Games and Play	Logic	Representation Systems Justification	Personal and Cultural Expression	A logical system of representation can help explore and analyze games that humans play.	A C B D	Thinking: Critical E.10 Evaluate and manage risk. Communication: Communication A.1.13 Organize and depict information logically. .
Integers: Human Explorations	Form	Quantity Representation	Orientation in Time and Space.	Being able to represent different forms of quantities has helped humans explore and describe our planet.	A C B D	Thinking: Transfer E.3.5 Make connections between subject groups and disciplines. Self-Management: Reflection C.3.7 Consider personal learning strategies.
Algebraic Expressions & Equations: Puzzles/Tricks	Form	Simplification Equivalence	Scientific and Technical Innovation.	Producing equivalent forms through simplification can help to clarify, solve and create puzzles and tricks.	A C B D	Communication: Communication A.1.3 Make inferences and draw conclusions. Thinking: Creative E.2.8 Apply existing knowledge to generate new ideas, products and processes.
2D and 3D Geometry: Human/Natural Landscapes	Relationships	Generalization Measurement	Orientation in Time and Space.	Generalizing relationships between measurements can help explore the formation of human and natural landscapes.	A C B D	Thinking: Transfer E.3.2 Apply skills and knowledge in unfamiliar situations. Communication: Communication A..1.10 Make effective summary notes for studying.
Rates: Human Made Systems	Relationships	Measurement Equivalence	Globalization and Sustainability	Establishing relationships of equivalence between measures illustrates interconnectedness of human made systems	A C B D	Thinking: Creative E.2.7 Make guesses, ask 'what if' questions and generate testable hypotheses. Thinking: Critical E.7 Draw reasonable conclusions and generalizations.
Univariate Data: Accessing equal opportunities	Form	Justification Representation	Fairness and Development	Different forms of representation can help justify conclusions regarding access to equal opportunities.	A C B D	Research: Information D.7 Process data and report results. Social: Collaboration B.2 Practice empathy.

Unit Title Year 3	MYP Key Concept	MYP Related Concepts	MYP Global Context	Statement of Inquiry	MYP (Criterion) Objectives	ATL Skills
Number: Discoveries and Developments	Form	Quantity Representation Simplification	Orientation in Time and Space	Representing and simplifying quantities in different forms can help explore remarkable discoveries and developments.	A C B D	Research: Information D.5 Use memory techniques to develop long term memory. Self-Management: Affective C.2.12 Practice positive thinking.
Triangles: Principles, Processes and Solutions	Relationships	Generalization Measurement	Scientific and Technical Innovation	Generalizing relationships between measurements can help develop principles, process and solutions.	A C B D	Thinking: Critical E.8 Test generalizations and conclusions. Communication: Communication A.1 Give and receive meaningful feedback.
Linear Relationships: Impact of Humans	Relationships	Change Models	Globalization and Sustainability.	Representing patterns of change as relationships can help determine the impact of human decision making.	A B	Thinking: Critical E.16 Identify obstacles and challenges. Research: Media D.2.1 Locate, Organize, analyze, evaluate, synthesize and use information.
3D Shapes: Products, processes and solutions	Relationships	Generalization Measurement	Personal and Cultural Expression	Generalizing relationships between measurements can help analyze and generate products, processes and solutions.	A C B D	Thinking: Creative E.2.7 Make guesses, 'what if' questions and generate testable hypotheses. Thinking: Transfer E.3.6 Combine knowledge, understanding and skills to create productions and solutions.
Bivariate Data: What it means to be human?	Relationships	Models Quantity	Identities and Relationships.	Modeling the relationship between quantities can highlight what it means to be human	A C	Self-Management: Organization C.1 Select and use technology effectively and productively.
Geometric Transformation: Expressing Beliefs/Values	Form	Patterns Space	Personal and Cultural Expression	An understanding of patterns created by forms in space can enhance creativity and help express beliefs and values	A C	Self-Management: Reflection C.3.7 Consider personal learning strategies. Communication: Communication: A.1.4 Use and interpret a range of discipline- specific terms and symbols.
Linear Systems: Social Entrepreneurship	Relationships	Representation Models	Fairness and Development	Representing relationships with models can promote and support social entrepreneurship.	A C B D	Communication: Communication: A.7 Negotiate ideas and knowledge with peers and teachers. Social: Collaboration B.4 Help others to succeed.

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