

### IB Subject Group Overview

Content: Science							Grade: 8			
Unit #	Unit Title	MYP Key Concept	MYP Related Concepts	MYP Global Context	Statement of Inquiry	MYP Objectives	ATL Skills	Content	Assessment	
1	Unit 1: Elemental Essentials	Relationships	Models, Patterns	Scientific and technical innovation	Show that models are used to display patterns and relationships between concepts, objects, and ideas and can be used to enhance scientific and technical innovation.	Ai. Di.	I. Communication VI. Information literacy skills	8.5A 8.5B 8.5C	Informative poster	
2	Unit 2: Chemistry Snapshot	Change	Models, Patterns	Scientific and technical innovation	Models help us understand relationships and patterns of change.	Ai. Aii. Aiii. Ci. Cii.	VII. Critical thinking skills	8.5A 8.5B 8.5C 8.5D 8.5E	Unit 1 Snapshot	
3	Unit 3: Courtroom Confessions of a Collision	Change	Balance, Movement	Orientation in space and time	Show that energy forces an object's movement to change so they will be able to predict the outcome of interactions between objects.	Aiii. Ci. Cii.	I. Communication II. Collaboration skills	8.6A 8.6B 8.6C	CBD/In-person debate	
4	Unit 4: Don't Trash My Life	Relationships	Consequences, Environment	Globalization and sustainability	Relationships developed with the environment will have consequences that affect all.	Bi.	II. Collaboration skills	7.8(C) 8.10(A)	Poster	
5	Unit 5: Atmospheric Movement and Topography	Change	Models, Patterns	Globalization and sustainability	Using models to understand patterns of change helps us evaluate the relationships between local and global processes.	Civ. Di.	I. Communication skills II. Collaboration skills VIII. Critical thinking skills	8.9(A) 8.9(B) 8.9(C)	Topographic Map	
6	Unit 6: Saving the Bees	Systems	Consequences, Environment, Interaction	Globalization and sustainability	Human interaction with environments can alter systems and have consequences on globalization and sustainability.	Di. Dii.	VI. Information literacy skills IX. Creative thinking skills	8.11A 8.11B 8.11C	Bee Habitat	