

MYP Science – Grade 6

Topic/Unit Title	Key Concept	Related Concepts	Global Context /Exploration	Statement of Inquiry	ATL skills	Summative Assessments	Assessment Objectives
Nature of Science	Relationship	Evidence, Patterns,	Scientific and technical innovation	Scientists develop our understanding of the world by looking for patterns and carrying out experiments to gain evidence to explain relationships	Organisation: Students will plan assignments and meet deadlines; bring necessary supplies to class; select and use technology effectively Creative skills: Generate testable hypothesis; create original works and ideas	Students will create a Kahoot Quiz about steps of scientific method to teach others about the scientific method.	Criterion A : Exam style test / Criterion B & C : Students investigate how to measure density of an object using different equipment in the lab /
Forces & Motion	Relationships	Balance & movement	Identities & relationships	Understanding forces can help us to explore the relationship between forces and change to improve balance and safety in sports	Self-management skills: Practice strategies to overcome distractions, meet deadlines, develop strategies for effective learning Transfer skills: use knowledge in unfamiliar situations	Students will create a role play to show the application of Newton's laws in real life situation	Criterion A : Exam style test / Criterion D : Students create a presentation to show how the understanding of forces is used to design safety gears in sports
Physical and chemical properties of matter	Change	Models, scales, creativity	Scientific and technical innovation	The creative use of the moving particle theory allows us to predict and understand the behaviour of solids, liquids and gases.	Thinking: Practice observing carefully in order to recognize problems Gather and organize relevant information to formulate an argument	Students create a cartoon strip to describe the chemical properties of matter	Criterion A : Exam style assessment ; Criterion B & C : Investigating density ; Criterion D : Prepare a newspaper report that involves changing states of matter

Please note: At times areas of the curriculum will change based on the learning needs and interests of the students.

