

MYP SUBJECT OVERVIEW

Carl Hankey School 2018-19

SUBJECT: Sciences

MYP Year 3

TEACHER: Jarrett

Unit Title Time Frame	Key Concept	Related Concept(s)	Global Context	Statement of Inquiry	MYP Subject Objectives	ATL Skills	Content
Kowabunga! Surfing the Wave!!	Relationships	Form, Energy	Models	Models can represent the relationship between form and energy	Criteria B: i-iv C: i-iv	Communication Transfer	<p>8-MS-PS4-1 Use mathematical representations to describe a simple model for waves that includes how the amplitude of a wave is related to the energy in a wave.</p> <p>8-MS-PS4-2 Develop and use a model to describe that waves are reflected, absorbed, or transmitted through various materials. 8-MS-PS4-3 Integrate qualitative scientific and technical information to support the claim that digitized signals are a more reliable way to encode and</p>

								transmit information and analog signals. How are waves used to move energy and information from place to place?