المدرسة الأمريكية الدولية
American International School

MIDDLE SCHOOL

International Baccalaureate®
Baccalauréat International
Bachillerato Internacional

SCIENCE SCOPE AND SEQUENCE
AY 26-27

STRAND	NGSS STANDARDS	GRADE 5
Physical Sciences	5-PS1 Matter and Its Interactions	5-PS1-1. Develop a model to describe that matter is made of particles too small to be seen.
		5-PS1-2. Measure and graph quantities to provide evidence that regardless of the type of change that occurs when heating, cooling, or mixing substances, the total weight of matter is conserved.
		5-PS1-3. Make observations and measurements to identify materials based on their properties
		5-PS1-4. Conduct an investigation to determine whether the mixing of two or more substances results in new substances.
	5-PS3 Energy	5-PS3-1. Use models to describe that energy in animals' food (used for body repair, growth, motion, and to maintain body warmth) was once energy from the sun
Life Sciences	5-LS1 From Molecules to Organisms: Structures and Processes	5-LS1-1. Support an argument that plants get the materials they need for growth chiefly from air and water.
	5-LS2 Ecosystems: Interactions, Energy, and Dynamics	5-LS2-1. Develop a model to describe the movement of matter among plants, animals, decomposers, and the environment.
Earth and Space Sciences	5-ESS2 Earth's Systems	5-ESS2-2. Describe and graph the amounts of salt water and fresh water in various reservoirs to provide evidence about the distribution of water on Earth.

	5-ESS3 Earth and Human Activity	5-ESS3-1. Obtain and combine information about ways individual communities use science ideas to protect the Earth's resources and environment.