






NGSS Crosscutting Concepts

Patterns		Structure and Function	
Scale, Proportion, and Quantity		Stability and Change	
Systems and System Models		Cause and Effect	
Energy*		Matter*	

GRADE	CORE EXPERIENCE LEARNING LAB										
Preschool	NUMBERS		TIME		OBSERVATION AND COMPARISON		MODELS AND REPRESENTATION		MEASUREMENT		
KINDERGARTEN	BEGINNING EXPLORATIONS		MAKING AND RECORDING OBSERVATIONS		USING MATH		MAKING MEASUREMENTS		USING AND MAKING MODELS		EXPLORING TIME AND SEQUENCE
GRADE ONE	OUR SENSES		STAYING SAFE		PROPERTIES OF SOLIDS AND LIQUIDS		DISCOVERING LIFE		GAP Unit PLANTS AND ANIMALS		WEATHER CHANGES
GRADE TWO	WEIGHT AND VOLUME		THE EARTH'S SURFACE		GAP Unit EARTH'S CHANGING SURFACE		WATER CYCLE AND ITS PHASES		HEALTH AND HYGIENE		INVESTIGATING SOUND
GRADE THREE	PROPERTIES OF MATTER		GAP Unit MAGNETS		EXPLORING ELECTRICITY		THE HUMAN BODY		OUR SOLAR SYSTEM		THE SUN AND YOUR SKIN
GRADE FOUR	MICROSCOPES AND MAGNIFICATION		CHEMISTRY, MATTER AND INTERACTIONS		FORMS OF ENERGY		ECOSYSTEMS AND ADAPTATIONS		GAP Unit BIOMES		LIGHT AND OPTICS
GRADE FIVE	WORK AND SIMPLE MACHINES		EARTH'S FORCES		INVESTIGATING HEAT		MICROSCOPIC EXPLORATIONS		GAP Unit EUKARYOTES		INHERITANCE AND ADAPTATIONS
GRADE SIX	PROPERTIES OF MATTER	GAP Unit THE CHANGING EARTH	WEATHERING AND EROSION	SPACE	GAP Unit THE UNIVERSE	KINETIC AND POTENTIAL ENERGY	SOUND WAVES AND PRESSURE	LIGHT	GAP Unit PLANT STRUCTURE AND CLASSIFICATION	PHOTOSYNTHESIS	WATERSHEDS
GRADE SEVEN	ATMOSPHERE	GAP Unit CLOUDS AND STORMS	CELLULAR ORGANIZATION	GENES AND PROTEINS	GAP Unit BODY PLANS AND DEVELOPMENT	CELL CYCLE AND CANCER	ADAPTATION	GAP Unit CLASSIFICATION	SOLUTES AND SOLUBILITY	ATOMIC STRUCTURE	CHEMICAL REACTIONS
GRADE EIGHT	HEAT AND HEAT TRANSFER	ACIDS AND BASES	GAP Unit GEOLOGIC TIME	ECOSYSTEMS	LOCOMOTION	FRICTION	FLIGHT	SIMPLE MACHINES	ELECTRICITY AND MAGNETISM	OPEN INQUIRY! THE PENDULUM	

*Note: Common Core Standard Energy and Matter separated in this representation