

# Lower El., Year A: Culture

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	Life Sciences	Physical Sciences	Geography & Earth Sciences	History	Culture, Customs & Beliefs
<b>September</b>	<b>Story of Life</b> Classification (Domains and Kingdoms)  Ecology: biodiversity, food chains, adaptation, pollution, extinction, natural resources, conservation and sustainability. (Cayman, Africa & Europe)  Human Body: heredity, growth & development	<b>Story of the Universe</b>  SCIENCE SKILLS - the scientific method, tools of inquiry, conducting research  ASTRONOMY - beyond our solar system; the Milky Way and other galaxies  ASTRONOMY - stars & constellations  LAYERS OF THE EARTH	Globes & Maps  4 Spheres of the Earth: atmosphere, geosphere, hydrosphere, biosphere  Pangea, plate tectonics  Continents, Oceans & Seas  Where in the world are we?: focus on Cayman  Overview of North & South America	<b>Story of Humans</b> <b>Story of Writing</b> <b>Story of Numbers</b>  Timelines (personal and historical)  Names of months and days  Why study history? How do we investigate the past?	Fundamental Human Needs (focus on North & South America - highlight Cayman)  Introduction to religions and belief systems  Creation Myths (from North & South America - focus on Cayman)
<b>October</b>					
<b>November</b>					
<b>December</b>					
<b>January</b>	Vertebrate Study: Fish  Invertebrate Study: echinoderms/annelida  Botany Focus: stems, plants of North America*  Human Body Systems: respiratory  Creatures of North America*	EARTH FORCES - mountains & volcanoes, erosion and sedimentation  MATTER - states, changes of state, mixtures  Chemistry - atoms, molecules, elements and the periodic table	North America*  <ul style="list-style-type: none"> <li>Land &amp; Water Forms</li> <li>Climate &amp; Weather</li> <li>Habitats</li> </ul> **Cayman: compare & contrast**	PREHISTORY to the PRESENT, for North America* (topics including: early humans, survival, migration & settlement, exploration & discovery, politics & government, trade & economics, cooperation & conflict, inventions & technology, production & consumerism, etc.)  Focus on Cayman	Symbols, celebrations and traditions: flag, coat of arms, national symbols (of North America*)  Belief Systems of the World Focus on: North America*  Folktales & Legends (of North America*)  ** Focus on Cayman**
<b>February</b>					
<b>March</b>					
<b>April</b>	Vertebrate Study: Amphibians  Invertebrate Study: mollusks  Botany Focus: roots, plants of South America*  Human Body Systems: circulatory  Creatures of South America*	ENERGY - heat & friction  GEOLOGY - soil, rocks & minerals  SIMPLE MACHINES - wedge & inclined plane  1st LAW OF MOTION - inertia	South America*  <ul style="list-style-type: none"> <li>Land &amp; Water Forms</li> <li>Climate &amp; Weather</li> <li>Habitats</li> </ul> **Cayman: compare & contrast**	PREHISTORY to the PRESENT, for South America* (topics including: early humans, survival, migration & settlement, exploration & discovery, politics & government, trade & economics, cooperation & conflict, inventions & technology, production & consumerism, etc.)  Cayman: compare & contrast	Symbols, celebrations and traditions: flag, coat of arms, national symbols (of South America*)  Belief Systems of the World Focus on: South America*  Folktales & Legends (of South America)  **Cayman: compare and contrast**
<b>May</b>					
<b>June</b>					

Montessori's **Five Great Lessons** provide a framework for the Cosmic Education of the lower elementary program. These lessons are a springboard for exploration in all other disciplines.  
 \*LED/LEU will cover different continents in different terms, for material distribution reasons. Whole class lessons are differentiated for children at different levels of understanding and/or ability.

# Lower El., Year B: Culture

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	Life Sciences	Physical Sciences	Geography & Earth Sciences	History	Culture, Customs & Beliefs
<b>September</b>	<b>Story of Life</b> Classification (Domains and Kingdoms)	<b>Story of the Universe</b> SCIENCE SKILLS - the scientific method, tools of inquiry, conducting research	Globes & Maps Pangea, plate tectonics Continents, Oceans & Seas	<b>Story of Humans</b> <b>Story of Writing</b> <b>Story of Numbers</b>	Fundamental Human Needs (focus on Africa & Europe)
<b>October</b>	Ecology: biodiversity, food chains, adaptation, pollution, extinction, natural resources, conservation and sustainability. (Cayman, Africa & Europe)	ASTRONOMY - day/night, seasons	4 Spheres of the Earth: atmosphere, geosphere, hydrosphere, biosphere	Timelines (personal and historical)	Introduction to religions and belief systems
<b>November</b>	Human Body: health & hygiene, illness & disease	ASTRONOMY - sun, earth & moon; eclipses	Where in the world are we?: focus on Cayman	Names of months and days Why study history? How do we investigate the past?	Creation Myths (from Cayman, Africa & Europe)
<b>December</b>		LAYERS OF THE EARTH	Overview of Africa & Europe		
<b>January</b>	Vertebrate Study: Reptiles	EARTH FORCES - earthquakes and tsunamis	Africa*	PREHISTORY to the PRESENT, Africa* (topics including: early humans, survival, migration & settlement, exploration & discovery, politics & government, trade & economics, cooperation & conflict, inventions & technology, production & consumerism, etc.)	Symbols, celebrations and traditions: flag, coat of arms, national symbols (of Cayman, Africa & Europe)
<b>February</b>	Invertebrate Study: porifera (sponges) & cnidaria (jellyfish & corals)	MATTER - states, changes of state, mixtures	<ul style="list-style-type: none"> <li>Land &amp; Water Forms</li> <li>Climate &amp; Weather</li> <li>Habitats</li> </ul>		Belief Systems of the World Focus on: Africa*
<b>March</b>	Botany Focus: leaves, plants of Africa*	Chemistry - atoms, molecules, elements and the periodic table	**Cayman: compare & contrast**	**Cayman: compare & contrast**	Folktales & Legends (of Cayman, Africa*)
	Human Body Systems: respiratory				
	Creatures of Africa*				
<b>April</b>	Vertebrate Study: Birds	ENERGY - sound & light	Europe*	PREHISTORY to the PRESENT, Europe* (topics including: early humans, survival, migration & settlement, exploration & discovery, politics & government, trade & economics, cooperation & conflict, inventions & technology, production & consumerism, etc.)	Symbols, celebrations and traditions: flag, coat of arms, national symbols (of Cayman, Africa & Europe)
	Invertebrate Study: Crustaceans	GEOLOGY - crystals & gems	<ul style="list-style-type: none"> <li>Land &amp; Water Forms</li> <li>Climate &amp; Weather</li> <li>Habitats</li> </ul>		Belief Systems of the World Focus on: Europe*
<b>May</b>	Botany Focus: seeds, plants of Europe*	SIMPLE MACHINES - pulley & lever	**Cayman: compare & contrast**	**Cayman: compare & contrast**	Folktales & Legends (of Cayman & Europe*)
	Human Body Systems: circulatory	2nd LAW OF MOTION - F=ma			
<b>June</b>	Creatures of Europe*				

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