

## Our Wondrous World Unit Guide

	Theme	Lessons	Classroom Learning Opportunities	Science/Social Studies Concepts/ Standards	Trunk Resources	Expedition Opportunities
1	Launching the Unit	<p>What is a map?</p> <p>What is a continent?</p> <p>What is an ocean?</p> <p>What is a landform?</p> <p>What are the basic needs of plants and animals?</p>	<p>Map making activity</p> <p>Continent writing</p> <p>Ocean map</p> <p>Landform introduction</p> <p>Plants and animals comparison chart/ writing</p>	<p>Build a foundation and introduce key vocabulary for the unit</p> <p>Explore maps/ globes</p> <p>Identify/name seven continents (SS1G3a)</p> <p>Identify/name four oceans (SS1G3b)</p> <p>Understand definition of a landform (SS1G3c)</p> <p>Identify the basic needs of plants and animals (S1L1a,b)</p>	<p>1 interactive world map</p> <p>1 instructional world map</p> <p>10 student world maps</p> <p>1 plush globe</p> <p>1 Anchor Chart</p> <p>1 Example Student Travel Journal</p> <p>1 Unit Introduction Presentation CD disc</p> <p>1 Animal Adaptation DVD</p> <p>1 book about maps</p> <p>1 book about the continents</p> <p>3 books about oceans</p> <p>2 books about landforms</p> <p>2 animal encyclopedias</p> <p>2 books about animal adaptations</p> <p>1 book about plants</p>	<p>Fernbank Museum: Nature Quest Exhibit- Be a Botanist, Be a Wildlife Biologist, Lifestyles of the Green and Furry Auditorium Program</p>
2	My Global Address	<p>Where are we in the world?</p> <p>What is my global address?</p>	<p>Me on the Map Flip Book</p> <p>Global Address Project</p> <p>Passport photos</p>	<p>Identify and locate his/her city, county, state, nation, and continent (SS1G2)</p>	<p>Suitcase</p> <p>"World Traveler" stamp and black ink pad</p> <p>1 Unit Introduction Presentation CD disc</p>	
3	<u>Antarctica:</u> (Animals: Blue whale, Killer Whale,	<p>What can we learn about Antarctica?</p>	<p>Antarctica writing</p> <p>Coast picture and writing</p>	<p>Identify and locate Antarctica and Arctic Ocean (SS1G3a,b)</p>	<p>2 laminated maps</p> <p>2 costume props</p>	

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	<p>Emperor Penguin, Colossal Squid )</p> <p>(Plants: mostly algae and tundra)</p> <p><u>Arctic Ocean:</u> (Animals: Beluga whale, polar bear, Puffin Penguin, Walrus)</p>	<p>What is a coast?</p> <p>How can we compare the basic needs of animals that live on Antarctica?</p> <p>What can we learn about the Arctic Ocean?</p> <p>How can we compare the basic needs of animals that live on Arctic?</p>	<p>(on landform chart)</p> <p>Antarctica chart</p> <p>Arctic Chart</p> <p>Postcard from the Arctic/ Antarctica</p>	<p>Identify and describe landforms: coasts (SS1G3c)</p> <p>Identify basic needs of polar animals (S1L1b)</p> <p>Describe how polar animals adapt to their habitats (S1L1d)</p>	<p>1 Antarctica/ Arctic Ocean Presentation CD disc</p> <p>2 books about Antarctica</p> <p>1 book about the Arctic region</p> <p>2 books about polar animals</p>	
4	<p><u>South America:</u> Amazon Rainforest (Animals: Sloth, Red-Eyed tree frog, ant eater, boa constrictor, poison dart frog, spider monkey, howler monkey, leaf cutter ants, jaguar, toucan, blue morpho butterfly, macaw)</p> <p>(Plants: pitcher plant, bromeliad, orchids, coca plant, vanilla, venous fly trap, Kapok tree (buttress roots), lianas)</p>	<p>What can we learn about South America?</p> <p>What is a rainforest? Where can we find them in our world?</p> <p>What can we find in the layers of a rainforest?</p> <p>How do plants and animals adapt to survive in the rainforest?</p> <p>What are some products that we get from the rainforest?</p> <p>What are some dangers facing the rainforest?</p>	<p>South America writing</p> <p>Rainforests Around the World Map</p> <p>Layers of the Rainforest pop up</p> <p>Rainforest product taste testing</p> <p>Postcard from South America (Save the rainforest themed)</p>	<p>Locate South America (SS1G3a)</p> <p>Identify continents where rainforests are located (SS1G3a)</p> <p>Identify layers of the rainforest</p> <p>Identify basic needs of an animal (S1L1b)</p> <p>Identify basic needs of plants (S1L1a)</p> <p>Identify adaptations of rainforest plants and animals (S1L1a-d)</p> <p>Identify products from the rainforest</p> <p>Identify threats to the rainforest and ways to save the rainforest</p>	<p>1 laminated map</p> <p>2 costume props</p> <p>1 South America Presentation CD disc</p> <p>4 artificial plants</p> <p>1 book about South America</p> <p>2 books about rainforests</p> <p>1 book about rainforest animals</p> <p>2 books about plants</p>	<p>Atlanta Botanical Gardens (Plant Diversity Tour)</p>
5	<p><u>Africa:</u> Sahara desert (Animals: Tortoise, Kangaroo rat, Cactus Wren, vulture, camel, rattle snake)</p> <p>(Plants: Succulent Plants- Cactus)</p>	<p>What can we learn about Africa?</p> <p>What is a desert? Where can we find them in our world?</p> <p>How do desert animals meet their basic needs?</p>	<p>Africa writing</p> <p>Desert picture and writing (on landform chart)</p> <p>Desert animals page (nocturnal vs. diurnal)</p> <p>Desert plants- Parts of a cactus diagram</p>	<p>Locate Africa (SS1G3a)</p> <p>Identify and describe landforms: deserts (SS1G3c)</p> <p>Identify basic needs of an animal (S1L1b)</p> <p>Identify basic needs of plants (S1L1a,c)</p>	<p>1 laminated map</p> <p>1 costume prop</p> <p>1 Africa Presentation CD disc</p> <p>1 artificial plant</p> <p>3 books about Africa</p>	<p>Fernbank Museum: Africa's Elephant Kingdom IMAX Program</p>

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		How do desert plants meet their basic needs?	Postcard from Africa	Identify adaptations of desert plants and animals (S1L1a-d)	1 book about the Sahara Desert  4 books about deserts (non-fiction)  1 book about deserts (fiction)  1 book about desert animals	
6	<p><u>Australia:</u> The Australian Outback and the Great Barrier Reef (Animals: Koala, Kangaroo, Thorny Devil, Wallaby, Dingo)</p> <p><u>Pacific Ocean-</u> Great Barrier Reef (Animals: sea turtles, clown fish and anemone, coral, starfish, jellyfish, sea horse, tiger sharks, whale sharks)</p> <p>(Plants: sea weed, kelp, algae)</p>	<p>What can we learn about Australia?</p> <p>How is the Australian Outback similar and different from the Sahara Desert?</p> <p>What is life like in the Great Barrier Reef?</p> <p>How can we compare and contrast cold water oceans and warm water oceans?</p>	<p>Australia writing</p> <p>Australian Outback and Sahara Desert Venn diagram</p> <p>Great Barrier Reef diagram</p> <p>Cold water and Warm water Venn diagram</p> <p>Postcard from Australia</p>	<p>Locate Australia (SS1G3a)</p> <p>Identify basic needs of an animal(S1L1b)</p> <p>Identify basic needs of plants (S1L1a)</p> <p>Compare and contrast two habitats (Outback/ Sahara, Cold/ Warm oceans)</p>	<p>1 laminated map</p> <p>6 costume props</p> <p>1 Australia/ Pacific Ocean Presentation CD disc</p> <p>1 book about Australia</p> <p>2 books about coral reefs</p> <p>1 book about landforms (coasts)</p> <p>1 book about ocean animals</p>	<p>Georgia Aquarium- Self Guided Aquarium, Sea Life Safari</p>
7	<p><u>Asia:</u> Mount Everest (Animals: black bear, wolves, deer, mountain lions, snow leopards, Tibetan bears, antelope, Yak, Giant Panda)</p> <p>(Plants: bamboo, lichens)</p>	<p>What can we learn about Asia?</p> <p>What is a mountain? Where can we find them in our world?</p> <p>What are the parts of a mountain?</p> <p>How do mountain animals meet their basic needs?</p>	<p>Asia writing</p> <p>Mountain and Valley picture/ writing (on landform chart)</p> <p>Parts of a Mountain diagram</p> <p>Mountain animals chart</p> <p>Postcard from Asia</p>	<p>Locate Asia(SS1G3a)</p> <p>Identify and describe landforms: mountains/valleys (SS1G3c)</p> <p>Identify basic needs of an animal (S1L1b)</p> <p>Identify basic needs of plants (S1L1a)</p>	<p>1 laminated map</p> <p>4 costume props</p> <p>1 Asia Presentation CD disc</p> <p>2 artificial plants</p> <p>2 books about Asia</p> <p>1 book about Mount Everest</p>	<p>Stone Mountain</p> <p>Zoo Atlanta: Self-Guided Tour</p>

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		How do mountain plants meet their basic needs?			4 books about landforms (mountains/ plateaus)  3 books about mountain animals	
8	<u>Europe:</u> European Peninsulas	What can we learn about Europe?  What is a peninsula? Where can we find them in Europe?	Europe writing  Postcard from Europe	Locate Europe(SS1G3a)  Identify and describe landforms: peninsulas (SS1G3c)	1 laminated map  2 costume props  1 Europe Presentation CD disc  1 book about Europe	
9	<u>North America:</u> Great Plains  (Animals: Bison, prairie dog, bobcat, red fox, pronghorn, cricket, butterfly, squirrel)  (Plants: sycamore, wildflowers, red buds, cottonwood)	What can we learn about North America?  What is a plain? Where can we find them in our country?  How do animals meet their basic needs in The Great Plains?  How do plants meet their basic needs in The Great Plains?	North America writing  Plains and Plateau picture/ writing (on landform chart)  Postcard from the Great Plains	Locate North America (SS1G3a)  Identify and describe landforms: plains, plateaus (SS1G3c)  Identify basic needs of an animal(S1L1b)  Identify basic needs of plants(S1L1a)	1 laminated map  1 North America Presentation CD disc  2 books about North America  5 books about Plains/ Grasslands	
10	Culminating the Unit	What are the parts of a plant and their functions?  How do carnivorous plants meet their basic needs?  How can we demonstrate our learning?	Parts of a plant flipbook  Carnivorous Plants writing  All About Animal books  Animal Research project  Landform project	Review parts of a plant (S1L1c)  Understand functions of plant parts (S1L1c)  Understand carnivorous plants  Review and Assess unit concepts (Continents, oceans, landforms, basic needs of plants, basic needs of animals) (SS1G2,3, S1L1)	7 artificial plants  3 books about plants  1 Example Student All About Book	Atlanta Botanical Gardens: Carnivorous Plants Program