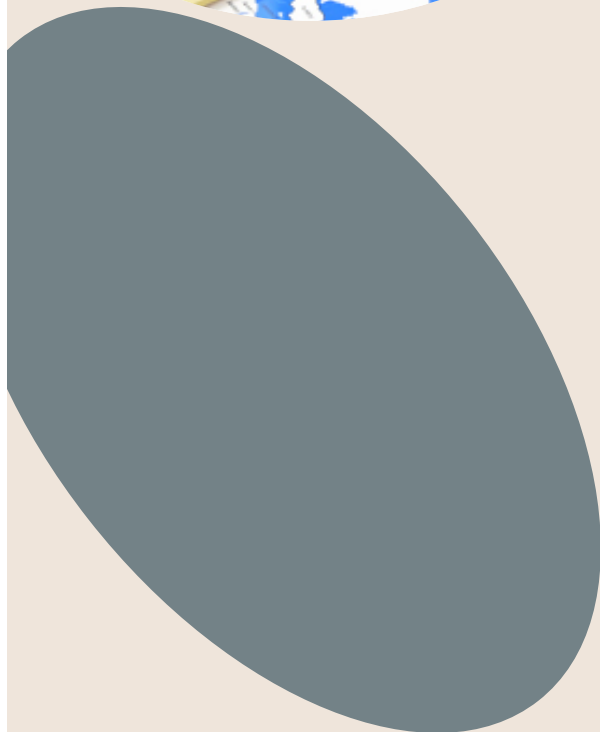




Cultural



Cultural

Maria Montessori believed in a multi-disciplinary approach to helping children understand the multitude of forces shaping the world around them. The Culture curriculum blends history, geography, science (biology, botany, and geology), art, and music to this end. In the Children's House years, demonstrations bring to life concepts and create indelible memories. To teach geography, teachers pour water around an "island," or students color in flags from around the world. In the lower elementary years, students study the continents, exploring how biomes create distinct cultures and how both human and non-human forces fuel the evolution of societies. In the later years, students study a combination of life science, earth science, comparative anatomy and physical sciences, with classes that include hands-on engineering, design, and STEAM activities that combine science, technology, art, and math. The scientific method is also implemented in lab experiments. In social studies, students analyze the foundational documents and stated ideals of America and how the country adheres to or fails to live up to those values. Current events are used to relate the past to the present. Students need to see explicitly that societies over time face similar problems and that they frequently do not pay attention to lessons of the past. Learning to listen to and appreciate divergent points of view is a central tenet of all our units of study.



Core	Major Topics	Skills	Children's House				Lower School					Middle School			
			SS	Age 3/4	Age 4/5	K	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	
Social Studies (Geography, History, Humanities)	Geography Physical	Tactile identification of land and water forms on the globe	●	●	●										
		Create and label types of inverted land and water forms			●	●									
		Features and boundaries that nature created	Name parts of mountains and rivers			●	●								
			Locate and label land and water forms on continent maps			●	●	●							
			Locate and label mountain ranges of the world					●							
			Describe inverted land and waterforms					●							
			Desribe and locate advanced landforms & waterways of the world					●							
			Describe parts of mountains and rivers					●							
			Create waterways maps						●	●					
			For each continent, use resources to label landforms, waterforms							●					
			Study of topographic maps									●			
	Geography Political	Assemble continent puzzles	●	●	●										
		Name the parts of a flag		●	●										
		Boundaries and symbols that humans created	Create maps by tracing and labeling continent puzzles			●	●								
			Describe the parts of a flag			●	●								
			For each continent, use resources to label landforms, waterforms			●	●								
			Study of topographic maps					●							
			Order and describe the evolution of maps					●							
			Explain the parts of and symbols of flags of the world					●	●	●					
			For each continent, create political maps						●	●					

Core	Major Topics	Skills	Children's House				Lower School					Middle School			
			SS	Age 3/4	Age 4/5	K	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	
Social Studies (Geography, History, Humanities)	Geography Political	For each continent, use resources to label countires, capitals							<div></div>						
		Use longitude and latitude								<div></div>					
		Boundaries and symbols that humans created	Apply and work with scales on maps								<div></div>				
			Work with legends								<div></div>				
			Projection & maps								<div></div>	<div></div>			
			Economic Geography									<div></div>	<div></div>		
			Study of world political geography: unity in diversity									<div></div>	<div></div>		
	History	Study the seasons	<div></div>	<div></div>	<div></div>	<div></div>									
		Study the days of the week	<div></div>	<div></div>	<div></div>	<div></div>									
		Study the months of the year	<div></div>	<div></div>	<div></div>	<div></div>									
		Fundamental needs of people by country		<div></div>	<div></div>	<div></div>									
		Study of time: hours and minutes			<div></div>	<div></div>	<div></div>								
		Create personal timelines				<div></div>	<div></div>								
		Bce/ce timelines					<div></div>								
		History of bartering and money					<div></div>								
		Study of the fundamental needs of humans within one group of people					<div></div>	<div></div>							
		Past, present and future tenses					<div></div>	<div></div>							
		Study of time: quarter hour, weeks, months, years, decades, centuries					<div></div>	<div></div>	<div></div>						
		History and development of writing					<div></div>	<div></div>	<div></div>						
		History and development of counting and numbers					<div></div>	<div></div>	<div></div>						

Core	Major Topics	Skills	Children's House				Lower School					Middle School		
			SS	Age 3/4	Age 4/5	K	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
Social Studies	History	History of bread												
		History of light												
		Formation of the universe & our solar system												
		Study of the evolution of earth by eon												
		Study of the evolution of life on earth (before early humans)												
		Study of the fundamental needs of humans across groups of people												
		The appearance of humans												
		The timeline of humans												
		The timeline of modern humans												
		Study of civilizations												
		US history - Government, African American, Native American												
Science Earth Science, Biology	Biology	Assemble external parts of animal puzzles												
		Assemble external parts of plants puzzles												
		Name biomes of the world												
		Study of hibernation, migrations and adaptations												
		Name external parts of animal												
		Name external parts of plants												
		Create diagrams by tracing and label zoology puzzles												
		Create diagrams by tracing and labeling botony puzzles												
		Describe biomes of the world												

Core	Major Topics	Skills	Children's House				Lower School					Middle School		
			SS	Age 3/4	Age 4/5	K	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
Science Earth Science, Biology	Biology	Study of lifecycles of plants and animals			<div></div>	<div></div>								
	The 5 kingdoms of life, life cycles, animal adaptations (by biome), evolution of plants and animals	Describe external functions of five classes of vertebrates					<div></div>							
		Describe external functions of five groups of plants + fungus					<div></div>							
		Study of animals and plants within one biome					<div></div>	<div></div>						
		Classification of vertebrates						<div></div>	<div></div>					
		Compare / contrast animals across biomes						<div></div>	<div></div>					
		Classification of invertebrates						<div></div>	<div></div>					
		Classification of plants						<div></div>	<div></div>					
		Study of the internal functions of vertebrates							<div></div>					
		Study of the evolution of life on earth (before early humans)							<div></div>					
		Vital functions of animals									<div></div>	<div></div>		
		Vital functions of plants									<div></div>	<div></div>		
		Earth	Name the parts of the water cycle	<div></div>	<div></div>									
	Nonliving processes and their impact on the earth and its life. Can extend to human's impact on the earth.	Create and label the layers of the earth		<div></div>	<div></div>	<div></div>								
		Describe the water cycle			<div></div>	<div></div>								
		Study of the relationship between the layers of the earth						<div></div>						
		Study of the impact of the atmoshpere						<div></div>						
		Study of the impact of earth's rotation						<div></div>						
		Study of the impact of earth revolution						<div></div>						
		Study of mountain and fault formation, volcanos						<div></div>						

Core	Major Topics	Skills	Children's House				Lower School					Middle School		
			SS	Age 3/4	Age 4/5	K	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
Science Earth Science, Biology	Earth	Study of the rock cycle							<div></div>					
		Properties of air and impact of wind on earth								<div></div>	<div></div>			
		Properties of water and impact of water earth								<div></div>	<div></div>			
	Physical Science, Physics	Study of density (sink and float)	<div></div>	<div></div>	<div></div>	<div></div>								
		Study of magnetism (magnetic or non)	<div></div>	<div></div>	<div></div>	<div></div>								
		Study of the unseen forces and their impact	<div></div>	<div></div>	<div></div>	<div></div>								
		Properties of light, sound and magnetism					<div></div>	<div></div>	<div></div>					
		Simple machine study					<div></div>	<div></div>	<div></div>					
	Chemistry	Properties of matter								<div></div>				
		Study of the microscopic, unseen and impact								<div></div>				
		Study of physical & chemical changes								<div></div>				
		Chemistry and the lifecycle of stars									<div></div>			
		The chemistry of the sun									<div></div>			
		The electromagnetic spectrum									<div></div>			
		Stellar nucleosynthesis									<div></div>			