

ALL Expedition Overviews 2009-2010

	Quarter 1		Quarter 2			Quarter 3			Quarter 4		
	Sept	Oct	Nov	Dec	Jan	Feb	March	April	May	June	
	<p>Achievement: <i>Students at all grade levels will begin the year with a focus on achievement. During this whole-school expedition, students explore what it means to be a learner and a leader, both here at A.L.L. and in their community. Students study famous achievers in all fields who have impacted our world and learn from their process of goal setting, struggle, and success. Students set their own goals as learners and leaders for the school year and plan the smaller steps it will take to achieve those goals.</i></p>										
K4	<p>Achievement & Famous People <i>Students learn about rules and laws that keep people safe. They learn about leadership.</i></p>		<p>Families <i>This expedition focuses on our families and how families are similar and different. Students learn about traditions, interdependence, and fulfilling needs for survival.</i></p>			<p>Life Cycles <i>Through a focus on butterflies and frogs, this expedition studies the stages of life for living organisms and their basic needs. Students will learn about habitat, food, predators and interdependence. Students will learn about respect and care of the natural world.</i></p>					
K5	<p>Achievement & Famous People <i>Students learn about rules and laws that affect families and communities. They learn about important American leaders, holidays, and symbols.</i></p>		<p>Our Community <i>This expedition expands upon the interdependence of families and focuses on the neighborhood and community. Students learn about community helpers, needs v. wants, and the influence of culture on their lives.</i></p>			<p>The Five Senses in Our World *Energy and Motion <i>This expedition focuses on using the five senses to understand energy and forces of motion. Students will conduct experiments related to light, heat, sound, magnets, and motion. They will learn to collect data and write about their observations.</i></p>			<p>Animal Families <i>This expedition focuses on learning about how animal parents raise and protect their young. Students will compare and contrast animals born live and from eggs. They will observe a variety of animals, how they change as they grow, and survival needs.</i></p>		
Grade 1	<p>Achievement & American Leaders/Symbols <i>Students learn about American leaders, symbols, and landmarks. Students learn about our government and voting. They learn to identify their city, state, and country.</i></p>		<p>What's Underfoot? Surviving Underground Through the Seasons <i>This expedition focuses on the interdependence of living and nonliving things underground. By studying plants and animals, especially insects and worms, students will observe survival needs of organisms as they change through the seasons.</i></p>			<p>This Land is My Land: My City, My Country <i>This expedition focuses on Milwaukee and basic American symbols and landmarks. Students will learn about aspects of American rights, economics, government, and culture. Students will explore their role in our city and determine what makes Milwaukee unique.</i></p>			<p>What's Overhead? Growing Things: Farms and Forests <i>This expedition focuses on the interdependence of living and nonliving things above ground. Students will study farms and forests in urban and rural settings. They will learn about farm tools and technology, animal habitat, behavior, and adaptations throughout the seasons.</i></p>		
Grade 2	<p>Achievement & *Gov/Citizen/Econ <i>Students learn more about our government and the role of a citizen. Students will learn about the basics of economics as they study factories, stores, banks and budgets.</i></p>		<p>Native American Cultures <i>This expedition focuses on the various Native American cultures and traditions across the United States, including the Paleo Indians of Wisconsin's Ice Age. Students will compare and contrast human needs for survival and the ways climate and geography affect these needs.</i></p>			<p>Inventions: Space, Energy, and Motion <i>This expedition focuses on inventors and inventions in the areas of space, energy and motion. Students will learn how scientific inquiry led to technological developments that created new ways for humans to interact with the world. They will analyze how these inventions affect humans and the environment.</i></p>			<p>Cycles: Water, Animals, Weather <i>This expedition focuses on local water, animal and weather cycles and how they are related. Using the Menomonee River as their laboratory, students will collect data and observe these cycles at work. Students will create models of these cycles and explain how humans can impact them.</i></p>		

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Grade 3	<p>Achievement & *Gov/Citizen/Econ <i>Students learn about the basics of democracy and the structure of our federal government. Students will learn about the basics of economics as they study factories, stores, banks and budgets.</i></p>		<p>Animal Migration: Ecosystems Around the World <i>This expedition focuses on the interdependence of living things in ecosystems. Students will study ecosystems on different continents to explore the way that climate and geography affect how animals survive. Students will explain animal adaptations and human impact on these ecosystems.</i></p>			<p>Long Ago and Far Away: Immigration and Change in America <i>This expedition focuses on how and why people move to new places, especially throughout America's past. Students will learn about colonization, pioneers, and immigrants, studying their transportation, motivations for moving, and the cultural evolution of America.</i></p>			<p>Natural Disasters of the Earth: Earth Science and the Rock Cycle <i>This expedition focuses on rocks and minerals: how they are formed and how they change over time. Students will study natural disasters, such as volcanoes, earthquakes and tsunamis, and their impact on society.</i></p>		
Grade 4	<p>Achievement & *Gov/Citizen/Econ <i>Students learn about the basics of democracy and the structure of our federal and state governments. Students will learn about the basics of economics and Wisconsin's resources, goods, and services.</i></p>		<p>Wisconsin History/Native Americans <i>This expedition focuses on the settlement of Wisconsin, exploring the interaction between Native Americans and European settlers. Students will learn about the economics of fur trade, transportation, and important people who impacted life in historic WI.</i></p>			<p>Wisconsin Today/US Regions <i>This expedition focuses on how Wisconsin functions today among other states in America. Students will learn about Wisconsin's climate, geography, natural resources, industry, politics and people. They will identify unique aspects of Wisconsin in comparison to other US regions.</i></p>			<p>Lake Michigan: An Up Close Look at Water and Plants <i>This expedition focuses on the environmental and social aspects of Lake Michigan. Students will study the water and plants of the lake at the chemical and cellular level. They will study plant growth and reproduction, as well as the migration of invasive species that threaten the lake's ecosystem.</i></p>		
Grade 5	<p>Achievement & Geography/Native Americans <i>Students will study American geography and history with a focus on Native Americans who lived here long before America was founded. This is the foundation for further study of America's expansion throughout the year.</i></p>		<p>The Making of America: Explorers to Expansion <i>This expedition focuses on the expansion of America from colonization to the Civil War. Students will study the foundation of democracy and citizenship and the people who fought to define America's freedom.</i></p>			<p>The Western Hemisphere: The US and Its Neighbors <i>This expedition focuses on the US in relation to Canada, Mexico, Central and South America. Students will learn about trade, transportation, culture, and other social issues, such as national security. They will also explain the variations in ecosystems and animal adaptations due to geography and climate.</i></p>			<p>The Final Frontier: Weather and Space <i>This expedition focuses on the development of scientific knowledge about weather systems, the atmosphere and space. Students will create models to represent these systems and be able to explain how they work. They will study related social issues, such as climate change and space exploration.</i></p>		

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Grade 6 Social Studies	Achievement & West African and early African American history <i>Students learn about West Africa and its influence on the roots of African American history.</i>		Human Rights and Freedom <i>This expedition focuses on human rights and freedom through the lens of the Civil Rights movement. Students will learn about the people who brought about change and how they did so.</i>			Ancient Civilizations: Egypt, Greece, Rome, Mesopotamia <i>This expedition focuses on four ancient civilizations that flourished long ago. Students will learn about their lingering cultural influences on agriculture, government, religion, art, and architecture. They will create timelines and maps to represent the contributions and evolution of these civilizations.</i>					
Science	Achievement & Magnets/Electricity/Atoms <i>Students begin to explore the scientific method, as well as properties of magnets, electricity, and atomic structure.</i>		Intro to Biology: Plant Ecosystems and Genetics <i>This expedition focuses on developing a foundation for studying biology from the organization of cells to the entire organism. Students will study plant reproduction and genetics.</i>			Human Systems: The Nervous, Circulatory, Respiratory Systems and Genetics <i>This expedition continues the foundational study of biology in terms of human systems and genetics. Students will study genetic variation, stem cells, and scientific advances that drive research and impact society.</i>			How Did They Do That? Chemistry and Physics of Ancient Civilizations <i>This expedition investigates the chemical and physical explanations behind amazing feats of architecture and engineering that were created by ancient civilizations without modern technology.</i>		
Grade 7 Social Studies	Achievement & Geography <i>Students learn more about world geography and study explorers of major influence.</i>		Global Urbanization								
			Institutions: Government and Religion <i>This expedition focuses on the institutions of government and religion that contributed to global urbanization throughout history.</i>			Historic Empires: Medieval, China, India, Mayan, Aztec <i>This expedition explores several historic empires and seeks to understand their unique cultures, strengths, and weaknesses. Students will determine how these civilizations contributed to global urbanization at the time and how these empires changed over time.</i>			Globalization: Urban Issues, Global Markets <i>This expedition investigates current global urbanization from cultural, social, political, and economic perspectives. Students will learn about urbanization, global markets, immigration issues, and social issues relevant to the people of Milwaukee.</i>		
Science	Achievement & Space Science <i>Students learn how our planet fits into the universe and the ways in which human understanding of space has changed over time.</i>		Sustainable Systems								
			Movement and Energy on Earth <i>This expedition continues to build on the world geography study, but focuses on the geological nature of these places. Students will study the Earth's history and the powerful forces that have changed it. They will also explain and predict changes in the Earth and climate related to sustainability.</i>			Natural Selection <i>This expedition focuses on the sustainable system of an organism. Students will study Darwin's theory of natural selection as it relates to a population and explore what evidence mutations and invasive species can provide that indicate the health and sustainability of a larger system.</i>			Environmental Sustainability: Milwaukee River Study <i>This expedition looks closely at the environmental sustainability of a local river. Students will conduct a scientific study of the river's health and study a local issue that impacts the river ecosystem, like the proposed removal of the Estabrook Dam.</i>		

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Grade 8 Social Studies	<p style="text-align: center;">Achievement & Colonization/Early Settlement</p> <p><i>Students begin a year-long study of American history with a focus on the colonization and settlement of America.</i></p>	Migration of Americans		
		<p style="text-align: center;">Civil War, Reconstruction, WWI & the Great Migration</p> <p><i>This expedition focuses on the time period in American history when the country was considering questions of great moral importance. Students will learn about how Americans began to recover from the Civil War through Reconstruction and the changes of the Industrial Revolution and WWI. Students will focus on the Great Migration of African Americans during the first decades of the 20th century.</i></p>	<p style="text-align: center;">Depression, WWII, the Second Great Migration & Milwaukee's Bronzeville</p> <p><i>This expedition focuses on American history during the mid-20th century, including the Great Depression and WWII. Students will focus on the Second Great Migration, especially as it pertains to African Americans who eventually moved to Milwaukee. Students will investigate the history of Milwaukee's most prominent African American business and entertainment district, Bronzeville, located just blocks from A.L.L.</i></p>	<p style="text-align: center;">Post-Cold War Conflict and Resolution through Present Day</p> <p><i>This expedition focuses on conflict and resolution in a global context post-Cold War. Students will learn about the emergence of nations, international diplomacy and the establishment of the United Nations. Students will investigate the way that present day conflicts are resolved and the way that many facets of culture, religion, and politics play into global issues.</i></p>
Science	<p style="text-align: center;">Achievement & Intro to Chemistry</p> <p><i>Students learn about matter at the atomic and molecular level. They explain physical and chemical changes observed during science labs.</i></p>	On the Cutting Edge of Power: Problems and Potential		
		<p style="text-align: center;">Energy in Our Lives</p> <p><i>This expedition focuses on how energy and power relate to our everyday lives. Students will learn how local buildings, including their homes and school, utilize energy. They will learn about the physics of electricity, as well as heating and cooling that contribute to building performance. Students will investigate initiatives in Milwaukee that strive to address energy conservation.</i></p>	<p style="text-align: center;">Traditional Power v. Alternatives</p> <p><i>This expedition focuses on the story of power in America and the rest of the world over the last century. Students will learn about the rise of traditional fossil fuel use and the resulting social, political, and environmental issues around this nonrenewable resource. Students will explore alternative energy options that scientists have developed and are continuing to research. They will also investigate local alternative energy sources, such as the play pump installed in the school garden that pumps water from our cistern. Students will also study the positive and negative impact of traditional and alternative power on animals.</i></p>	