

Curriculum Map

	Content and Essential Questions	Skills: Students will...	Assessment	Materials/Technology Resources
	<p>Biomes LS 7,9</p> <ul style="list-style-type: none"> • What is a biome? • What determines the formation of a biome? • What are the basic needs for life? • What are the basic biomes on earth? • What are the physical conditions found in each of these basic biomes? • 	<ul style="list-style-type: none"> • define biome as a function of a distinct climate • know that temperature, moisture and soil basically define a biome • know that all life needs air, water, light, heat and shelter • know and be able to differentiate between tundra, coniferous and deciduous forest, grassland, desert, and rain forest biomes • research and understand the basic conditions found in each biome • 	<ul style="list-style-type: none"> • recite the definition of biome • write and describe the make-up of the six biomes • sort from pictures the various biome types • show results of research the basic conditions found in each biome • 	<ul style="list-style-type: none"> • gather photographs of biomes around the world • resources on line or print material that discuss conditions of various biomes. •

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	<p>Biome adaptations</p> <ul style="list-style-type: none"> • How do plants and animals adapt to the conditions found in the basic biomes? • How do similar plant types (trees) show adaptation among the basic biomes? • What animal adaptations do the conditions of a biome create? • Where on earth do the various biomes occur? • How has human activity altered biomes where they live? 	<ul style="list-style-type: none"> • investigate how plants have specialized roots, stems and leaves for adapting to the biomes where they live. • compare and contrast tree types and their adaptations from biome to biome. • investigate how animals have specialized structures and behaviors for adapting to the biomes where they live. (fur, eye sight, tolerance to temperature) • compare and contrast an animal type (birds) from biome to biome as to their needs of life • locate on a world map the regions where specific biomes dominate. • research how human activity alters biomes 	<ul style="list-style-type: none"> • be able to match plant structures for adaptation with the biome where it lives. • recognize and describe the adaptations of trees to the biome where they are found. • be able to locate the regions of the earth where specific biomes are dominant. • be able to discuss how human activity alters the biome where they live. 	<ul style="list-style-type: none"> • gather photographs of biomes around the world • resources on line or print material that discuss conditions of various biomes. • visit the school yard to explore what conditions exist for plants and animals to discuss adaptations each will need.

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