

**ALIGNMENT OF MIDDLE SCHOOL CAREERS PLANNER
WITH KANSAS STATE STANDARDS
2008-2009**

ARTS AND COMMUNICATON

<p>Project: From the Crab's Point of View</p>	
<p>English/Language Arts</p> <p>Reading</p> <ul style="list-style-type: none"> • Read fluently. • Expand vocabulary. • Comprehend a variety of texts. <p>Writing</p> <ul style="list-style-type: none"> • Write narrative text using the writing process. <p>Math</p> <ul style="list-style-type: none"> • Demonstrate number sense for real numbers and simple algebraic expressions in a variety of situations. • Use computations estimation with real numbers in a variety of situations. • Collect, organize, display, explain and interpret numerical (rational) and non-numerical data sets in a variety of situations. <p>Science</p> <ul style="list-style-type: none"> • Understand the interdependence of physical environment. • Understand the behavior of animals. • Demonstrate an understanding of the diversity of structure and function in organisms. • Develop an understanding of the overall functioning of human systems and their interaction with the environment in order to understand specific mechanisms and processes related to health issues. • Develop an understanding of the nature of scientific knowledge. 	<p>Social Studies</p> <ul style="list-style-type: none"> • Understand how limited resources require choices. • Understand how the market economy works in the United States. • Use maps, graphic representations, tools, and technologies to locate, use and present information about people, places, and environments. • Analyze the human and physical features that give places and regions their distinctive character.

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BUSINESS, MANAGEMENT AND TECHNOLOGY

<p>Project: Supply and Demand</p>	
<p>English/Language Arts</p> <p>Reading</p> <ul style="list-style-type: none"> • Read fluently. • Expand vocabulary. <p>Writing</p> <ul style="list-style-type: none"> • Write technical text using the writing process. <p>Math</p> <ul style="list-style-type: none"> • Demonstrate number sense for real numbers and simple algebraic expressions in a variety of situations. • Demonstrate and understand the real number system; recognizes, applies, and explains their properties; and extends these properties to algebraic expressions. • Use computational estimation with real numbers in a variety of situations. • Use variables, symbols, real numbers, and algebraic expressions to solve equations and inequalities in a variety of situations. • Generate and use mathematical models to represent and justify mathematical relationships found in a variety of situations. • Apply the concepts of probability to draw conclusions, generate convincing arguments, and make predictions and decisions including the use of concrete objects in a variety of situations. • Collect, organize, display, explain, and interpret numerical (rational) and non-numerical data sets in a variety of situations. <p>Science</p> <ul style="list-style-type: none"> • Develop an understanding of the nature of scientific knowledge. 	<p>Social Studies</p> <ul style="list-style-type: none"> • Analyze how different incentives, economic systems and their institutions, and local, national, and international interdependence affect people. • Makes effective decisions as a consumer, producer, saver, investor, and citizen.

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HEALTH SERVICES

<p>Project: Health Issues</p> <p>English/Language Arts</p> <p>Reading</p> <ul style="list-style-type: none"> • Read fluently. • Expand vocabulary. • Comprehend a variety of texts. <p>Writing</p> <ul style="list-style-type: none"> • Write narrative text using the writing process. • Writes technical text using the writing process. <p>Math</p> <ul style="list-style-type: none"> • Use computational estimation with real numbers in a variety of situations. • Recognize, describe, extend, develop, and explain the general rule of a pattern from a variety of situations. • Apply the concepts of probability to draw conclusions, generate convincing arguments, and make predictions and decisions including the use of concrete objects in a variety of situations. • Collect, organize, display, explain, and interpret numerical (rational)and non-numerical data sets in a variety of situations. <p>Science</p> <ul style="list-style-type: none"> • Demonstrate an understanding of the diversity of structure and function in organisms. • Develop an understanding of the overall functioning of human systems and their interaction with the environment in order to understand specific mechanisms and processes related to health issues. • Understand that human populations use natural resources and influence environmental quality. • Understand the effect of natural and human-influenced hazards. 	<ul style="list-style-type: none"> • Develop an understanding of the relationship between science, technology, and society. • Develop an understanding of the nature of scientific knowledge. <p>Social Studies</p> <ul style="list-style-type: none"> • Understand how limited resources require choices. • Analyze how different incentives, economic systems and their institutions and local, national and international interdependence affect people. • Uses maps, graphic representations, tools, and technologies to locate, use and present information about people, places, and environments.
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HUMAN SERVICES

Project: Living Your Future Now	
<p>English/Language Arts</p> <p>Reading</p> <ul style="list-style-type: none"> • Read fluently. • Expand vocabulary. <p>Writing</p> <ul style="list-style-type: none"> • Write persuasive text using the writing process. <p>Math</p> <ul style="list-style-type: none"> • Demonstrate number sense for real numbers and simple algebraic expressions in a variety of situations. • Use computational estimation with real numbers in a variety of situations. • Applies the concepts of probability to draw conclusions, generate convincing arguments, and make predictions and decisions including the use of concrete objects in a variety of situations. • Collect, organize, display, explain, and interpret numerical (rational) and non-numerical data sets in a variety of situations. <p>Science</p> <ul style="list-style-type: none"> • Understand the interdependence of organisms and their interaction with the physical environment. • Understand the behavior of animals. • Understand the effect of natural and human-influenced hazards. • Develop an understanding of the nature of scientific knowledge. 	<p>Social Studies</p> <ul style="list-style-type: none"> • Understand how limited resources require choices. • Use maps, graphic representations, tools and technologies to locate, use and present information about people, places, and environments.

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INDUSTRIAL ENGINEERING AND TECHNOLOGY

<p>Project: Communicate the Issues</p>	
<p>English/Language Arts</p> <p>Reading</p> <ul style="list-style-type: none"> • Read fluently. • Expand vocabulary. <p>Writing</p> <ul style="list-style-type: none"> • Write narrative text using the writing process. • Write technical text using the writing process. <p>Math</p> <ul style="list-style-type: none"> • Demonstrate number sense for real numbers and simple algebraic expressions in a variety of situations. • Estimate, measure and use geometric formulas in a variety of situations. • Use an algebraic perspective to examine the geometry of two-dimensional figures in a variety of situations. <p>Science</p> <ul style="list-style-type: none"> • Develop the abilities necessary to do scientific inquiry and develop an understanding of scientific inquiry. • Develop an understanding that technology is applied science. • Develop an understanding of the relationship between science, technology, and society. • Develop an understanding of the nature of scientific knowledge. 	<p>Social Studies</p> <ul style="list-style-type: none"> • Understand how limited resources require choices. • Analyze how difference incentives, economic systems and their institutions, and local, national, and international interdependence affect people. • Uses maps, graphic representations, tools and technologies to locate, use, and present information about people, places and environments.

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NATURAL RESOURCES/AGRICULTURE

<p>Project: Showcase of Cultures</p>	
<p>English/Language Arts</p> <p>Reading</p> <ul style="list-style-type: none"> • Read fluently. • Expand vocabulary. • Comprehends a variety of texts (narrative, expository, technical, and persuasive). <p>Writing</p> <ul style="list-style-type: none"> • Write narrative text using the writing process. <p>Math</p> <ul style="list-style-type: none"> • Demonstrate number sense for real numbers and simple algebraic expressions in a variety of situations. • Use computational estimation with real numbers in a variety of situations. • Collect, organize, display, explain, and interpret numerical (rational) and non-numerical data sets in a variety of situations. <p>Science</p> <ul style="list-style-type: none"> • Demonstrate the abilities necessary to do scientific inquiry. • Understand the interdependence of organisms and their interaction with the physical environment. • Develop an understanding of matter, energy, and organization in living systems. • Develop an understanding of the nature of scientific knowledge. <p>Social Studies</p> <ul style="list-style-type: none"> • Analyze how different incentives, economic systems and their institutions and local, national, and international interdependence affect people. 	<ul style="list-style-type: none"> • Use maps, graphic representations, tools, and technologies to locate, use and present information about people, places, and environments. • Understand how economic, political, cultural and social processes interact to shape patterns of human populations, interdependence, cooperation, and conflict.