

**MacFarlane Park School for International Studies
Matrix**

1. Green 2. Gray 3. Blue 4. Red 5. Plum 6. Orange

Grade Level	Who we are	Where we are in place and time	How we express ourselves	How the world works	How we organize ourselves	Sharing the planet
Kindergarten	<p>A Firm Foundation Focus: Social Studies/PYP Foundations <i>Central idea: Understanding one's self can help to understand others</i> An inquiry into: PYP Profile Our own uniqueness Similarities and differences among people Rules and good citizenship</p>	<p>All the Time in the World Focus: Social Studies <i>Central idea: Events take place in a certain order and time</i> An inquiry into : Understanding the sequence of events in order of time Distinguishing between past, present and future Understanding that history deals with past events Using days, weeks, months, and years as intervals of time</p>	<p>Stories Focus: Language Arts <i>Central idea: People express their ideas through stories</i> An inquiry into: Why people tell stories The elements of a story Stories in different place and times The ways stories can be recorded and told</p>	<p>Matter Focus: Science <i>Central idea: Matter exists in different states and can change</i> An inquiry into: States of matter Properties we can observe of an object How matter changes</p>	<p>Communities and Jobs Focus: Social Studies <i>Central idea: People have different roles and responsibilities in a community</i> An inquiry into: Different types of communities Components of a community Roles and responsibilities in a community</p>	<p>Animals Focus: Science <i>Central idea: Animals provide many resources for humans.</i> An inquiry into: How animals provide food How animals provide clothing How animals provide transportation</p>
First Grade	<p>All in the Family Focus: Social Studies <i>Central Idea: Families Come in all Shapes and Sizes</i> An inquiry into: What a family is Types of families How families are alike and different Where are the origins of families in the United States</p>	<p>Taking From the Past and giving to the Future Focus: Social Studies <i>Central idea: Individuals are honored for contributions that change societies.</i> An inquiry into: Honored citizens in science, government, and civil rights Why people are honored How symbols represent past events, legends and historical accounts</p>	<p>Traditions and Celebrations Focus: Social Studies <i>Central idea: Different cultures express themselves through celebrations and traditions</i> An inquiry into: How celebrations and traditions reflect beliefs of families from different cultures Individual family traditions Roots of traditions Components of celebrations</p>	<p>Weather Focus: Science, geography <i>Central idea: Natural phenomenon affects human societies</i> An inquiry into: What causes natural phenomenon? How natural phenomena affect people in different geographical locations? What natural phenomenon comes with each season</p>	<p>Maps and Globes Focus: Social Studies <i>Central idea: Maps show physical and man made features of the world</i> An inquiry into: Reading and understanding maps Locations of countries and their features Significant features of a map Why people live and work in urban and rural areas</p>	<p>Interacting with the Environment Focus: Science <i>Central idea: Activities of humans affect plants and animals in many ways.</i> An inquiry into: How plants interact with their environment How animals interact with their environment</p>

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<p align="center">Second Grade</p>	<p align="center">The Culture Club Focus: Social Studies <i>Central idea: Living things form unique cultures; individuals impact and are impacted by their culture.</i> An inquiry into: How cultures are formed How they change over time and conditions Roles and responsibilities within a culture</p>	<p align="center">Transportation Focus: Social studies <i>Central idea: Civilizations play a role in the development of various forms of transportation.</i> An inquiry into: Methods of transportation Historical development of transportation Global and environmental aspects of transportation</p>	<p align="center">Expression in Art Focus: Social studies, art <i>Central idea: Symbols represent thoughts and ideas</i> An inquiry into: Use of color and shape to express specific thoughts and ideas Use of symbolism as a part of cultural traditions</p>	<p align="center">Living Things Focus: Science <i>Central idea: Living organisms need to adapt to their environment to survive</i> An inquiry into: Extinction Endangered species Predator and prey</p>	<p align="center">Goods and Services Focus: Social studies <i>Central idea: People must work together in the exchange of goods and services</i> An inquiry into: Roles of people in the exchange of goods and services Wants and needs The origin of goods</p>	<p align="center">Oceans Focus: Science <i>Central Idea: People are responsible for the finite resources of the ocean.</i> An inquiry into: The characteristics of animals and plants. Living and nonliving parts of the ocean environment Mutual reliance between different plants and animals living in the ocean environment</p>
<p align="center">Third Grade</p>	<p align="center">The Sum of the Parts Focus: Social Studies, PSPE <i>Central idea: Every entity requires balance among its parts to function effectively and efficiently.</i> An inquiry into: What balance means to each of us The importance of balance to our health How a balance of civic rights and responsibilities contribute to a productive society</p>	<p align="center">Location, Location, Location Focus: Social studies, language PSPE, science <i>Central idea: People represent their lives, the land and water around them verbally and pictorially based on their perspective.</i> An inquiry into: Navigation Timelines (personal, historical, biographical) Land and water forms</p>	<p align="center">Expression in Writing Focus: Language Arts, PSPE <i>Central idea: people use the power of language to share their perspectives</i> An inquiry into: The effect language has on literature The connection between information in texts, stories and historical events How word choices can shape reactions, perceptions and beliefs</p>	<p align="center">Natural Cycles Focus: Science and technology <i>Central idea: Living and nonliving things found in systems affect cycles on Earth and in space</i> An inquiry into: How cycles work Cycles on earth and in the solar system Human responsibilities in affecting cycles</p>	<p align="center">Governments Focus: Social Studies <i>Central idea: Governments help people in communities solve problems</i> An inquiry into: Role of government Various types of government How governments and their capital cities are formed</p>	<p align="center">Industry and the Environment Focus: Social studies, science <i>Central idea: Human activities affect the physical environment in various places.</i> An inquiry into: How work and machines affect our environment The responsibilities of industrialized nations to the rest of the world. How current attitudes about industry and the environment may affect future generations.</p>

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<p align="center">Fourth Grade</p>	<p align="center">Human Body, Inc. Focus: Science, Physical education <i>Central idea: Learning about other people's perspectives and communicating our own creates a better understand of what it means to be human.</i> An inquiry into: Methods of communication Writing for different audiences Media bias</p>	<p align="center">Innovators Focus: SS, Science, Technology, language arts <i>Central Idea: Innovators influence society</i> An inquiry into: The process of invention as a means of solving problems Technology as the by product of invention and problem solving</p>	<p align="center">How We Express Ourselves Focus: Language Arts, Science, Art, Music <i>Central Idea: Through the arts people use different forms of expressions to convey their uniqueness</i> An inquiry into: The diverse ways in which people express themselves How everyone can express their uniqueness through the arts The role of art and society</p>	<p align="center">I Need my Space! Focus: Science <i>Central idea: The elements around and beyond Earth make up the solar system and a part of an immense and intricate system.</i> An inquiry into: The components of the solar system The characteristics, properties and interaction of elements of the solar system How does Earth differ from other elements in the solar system Comparative planetology, geological features and processes on Earth and Mars The role water plays in shaping life on Earth</p>	<p align="center">Money and Finance Focus: Social Studies, Language Arts, Math <i>Central idea: People cannot have all the goods and services they want and they must make choices, which have costs.</i> An inquiry into: The relationship between wants, opportunities and choices The kinds of productive resources: natural, human and capital Saving is a component of future economic health.</p>	<p align="center">Conservation of Earth's Resources Focus: Science <i>Central idea: Finding peaceful solutions to conflict leads to a better quality of life.</i> An inquiry into: Causes of conflict <i>Conflict resolution and management</i> <i>Living and working together peacefully</i></p>
<p align="center">Fifth Grade</p>	<p align="center">Choices Focus: Science, Language Arts <i>Central idea: The choices we make determine who we are.</i> An inquiry into: Risk factors How to withstand peer pressure Influence of point of view on decision making Human growth</p>	<p align="center">Exploration Focus: Science <i>Central idea</i> Exploration and migration expand man's understanding of where we are in time and place An inquiry into: Why people migrate Influences of migration Future patterns of migration</p>	<p align="center">Activism Focus: Social Studies <i>Central idea: People respond to thoughts and feelings of injustice in a variety of ways.</i> An inquiry into: Violent vs. nonviolent response What is fair? Personal response to injustice</p>	<p align="center">Force, Motion and Energy Focus: Science <i>Central idea: The understanding of natural laws of energy, force and motion impact society, especially in aeronautics and related technologies.</i> An inquiry into: The importance of the interdependence of force, motion and energy Stages in the history of flight and space exploration The impact of flight and space exploration on everyday life Future exploration</p>	<p align="center">Independence Focus: Language Arts <i>Central idea: Creating one's future requires careful planning and goal setting.</i> An inquiry into: Jobs of the future What it takes to become successful, independent citizens Personal interests/abilities Matching community needs with individual strengths</p>	<p align="center">Ecology Focus: Science Exhibition</p>

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