

Bradley International Elementary Programme of Inquiry 2008-2009

ECE

| | 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 |
|-----|---|--------------------------------|---|--|---|--------------------|
| ECE | I Am Special | | Once Upon a Time | Animal, Mineral or Vegetable | Jobs, Jobs, Jobs | |
| | Central Idea: I am unique and special. | | Central Idea: Books inform, give us pleasure and knowledge, and help our imaginations grow. | Central Idea: Curiosity allows us to explore. | Central Idea: People around the world have many different jobs. | |
| | Subject Focus: Math, PSE, Language Arts | | Subject Focus: Language Arts, PSE | Subject Focus: Science, Technology | Subject Focus: Social Studies | |
| | An Inquiry Into: <ul style="list-style-type: none"> • Finding out about me (physical characteristics) • Likes and dislikes • Why I am special | | An Inquiry Into: <ul style="list-style-type: none"> • Favorite books • How stories make us feel • Creating our own books and stories • The purpose of books • How we tell a story | An Inquiry Into: <ul style="list-style-type: none"> • Use and function of objects and materials • Classifying and sorting—living versus non-living, • How objects and materials can change | An Inquiry Into: <ul style="list-style-type: none"> • Jobs people do • Importance of those jobs • Differences and similarities in jobs around the world | |

Kindergarten

| | 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 |
|---|---|---|---|--|--|---|
| K | Who Am I and Who Are You? | Oh, the Places We'll Go | Express Yourself! | Investigating Here, There, and Everywhere | Why Can't We Be Friends? | Friendly Forests |
| | Subject Focus: Social Studies, Science, Technology, Math | Subject Focus: Geography, Math, Social Studies | Subject Focus: Language Arts, Art | Subject Focus: Science, Technology | Subject Focus: Social Studies, Economics | Subject Focus: Science, Technology, Geography, Social Studies, Ecology |
| | Central Idea: People have similarities and differences. | Central Idea: People have developed ways for understanding where we are in our world. | Central Idea: People express themselves through literature and art. | Central Idea: People use their senses to investigate the world. | Central Idea: People use cooperation to create school communities. | Central Idea: Forests provide valuable resources. |
| | An Inquiry Into: <ul style="list-style-type: none"> • The various roles we play • Who we are, what we look like, what we care about, how we feel and our strengths • The importance of tolerating our differences in order to get along with others | An Inquiry Into: <ul style="list-style-type: none"> • How people live around the world • Identifying and locating land, water, mountains, islands and continents on a globe • How our lifestyle is influenced by where we live in the world | An Inquiry Into: <ul style="list-style-type: none"> • Comparing and contrasting books by the same author • How to choose and express personal opinions about literature and art • Using a variety of mediums for art expression • Creating original art inspired by spoken and written stories and poems | An Inquiry Into: <ul style="list-style-type: none"> • How we use our five senses • How to ask questions and make predictions • How to conduct simple investigations • Recording and explaining data | An Inquiry Into: <ul style="list-style-type: none"> • Jobs and responsibilities of adults and students in the school • Using social skills in our daily lives • Solving problems independently | An Inquiry Into: <ul style="list-style-type: none"> • How to manage and protect our forests' resources • How animals, plants and people share the forests • How forests differ around the world |

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1st Grade

| | 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 |
|-----------------|---|---|--|---|---|---|
| 1 st | This is the Way I Take Care of Myself | Where in the World Are We? | Celebrate Good Times | Catch a Wave | No One Gets Left Behind | There and Back Again |
| | Central Idea: Societies have come to understand the importance of maintaining personal health habits. | Central Idea: People use geographic tools to locate other people, places and things on earth. | Central Idea: Cultural expressions are based on many different beliefs, perceptions and traditions. | Central Idea: Marine life is essential to life on Earth. | Central Idea: Humans have families. | Central Idea: The water cycle is the basis for weather patterns. |
| | Subject Focus: Social Studies, Science, PSE | Subject Focus: Geography, Art | Subject Focus: History, Geography, Art, PSE | Subject Focus: Geography, History, Science, Art | Subject Focus: History, Art, Geography, PSE | Subject Focus: Science, Social Studies, Math |
| | An Inquiry Into: <ul style="list-style-type: none"> • The importance of basic hygiene • Essential health habits • Similarities and differences of hygiene in various cultures | An Inquiry Into: <ul style="list-style-type: none"> • How to use geographic tools • How maps and globes are used to locate things • The importance of maps and globes | An Inquiry Into: <ul style="list-style-type: none"> • What and how individuals celebrate family traditions • Different global celebrations • Similarities and differences in celebrations globally | An Inquiry Into: <ul style="list-style-type: none"> • How the ocean affects our lives • How the food chain is an important part of ocean life • Specific marine life • Society's responsibilities in managing the earth's resources and effects on marine life | An Inquiry Into: <ul style="list-style-type: none"> • Awareness of the role of each family member • Similarities and differences in families • Family history and ancestors • Exploration of families around the world | An Inquiry Into: <ul style="list-style-type: none"> • Different types of weather • How the water cycle is an integral part of weather patterns • Three states of water • How weather affects life on earth • Scientific tools for weather observation and measurement |

2nd Grade

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|-----------------|--|---|--|--|---|---|
| 2 nd | An Apple a Day | Hall of Fame | A Picture is Worth a Thousand Words | Investigating Plants | A Beautiful Day in the Neighborhood/Community | Planet Protectors |
| | Central Idea: Food and exercise have an influence on our well-being. | Central Idea: An individual's contributions can influence a culture. | Central Idea: Authors use illustrations to enhance their stories. | Central Idea: Plants undergo certain physical changes as they grow. | Central Idea: People around the world live and work together. | Central Idea: People can improve the world by reducing, reusing and recycling materials. |
| | Subject Focus: Science, Technology, PSE | Subject Focus: Social Studies | Subject Focus: Language Arts, PSE, Art, Music | Subject Focus: Science, Technology, PSE | Subject Focus: Social Studies | Subject Focus: Science, Social Studies |
| | An Inquiry Into: <ul style="list-style-type: none"> • What makes a balanced and nutritious diet • Understanding the food pyramid of various cultures • The benefits of exercise • Our personal responsibility to eat nutritious meals | An Inquiry Into: <ul style="list-style-type: none"> • Characteristics of a hero • Contributions of important people to a culture • The effects of an important person's contributions on others | An Inquiry Into: <ul style="list-style-type: none"> • Illustrators of various children's books • A variety of mediums used to illustrate books • Other ways to communicate an idea in literature | An Inquiry Into: <ul style="list-style-type: none"> • Structures of seeds and plants • The needs of plants to grow and develop • Investigating the changes of plant growth over time • Unique structures of plants in different regions | An Inquiry Into: <ul style="list-style-type: none"> • Features of a community • How we depend on community workers • The different types of cities, housing, and transportation • Creating and using maps of communities | An Inquiry Into: <ul style="list-style-type: none"> • What are natural resources • Effects of waste on the environment • How we can reduce waste • Importance of recycling |

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| 3 rd | Getting to Know Each Other | In the City | The Arts Bring Change | A Universe of Information | Bright Idea | Animal Kingdom |
| | Central Idea: An individual's rituals and routines facilitate growth and individuality in daily life. | Central Idea: History and resources combine to develop cities. | Central Idea: Composers, visual artists, and writers impact the past and present. | Central Idea: Human curiosity has created a need to understand the Solar System. | Central Idea: Properties, forms and changes in electricity are essential in our lives. | Central Idea: Organisms experience many changes throughout their life cycle. |
| | Subject Focus: PSE | Subject Focus: Geography, History | Subject Focus: Art, History | Subject Focus: Science | Subject Focus: Social Studies, Science | Subject Focus: Science, Ecology |
| | An Inquiry Into: <ul style="list-style-type: none"> Rituals and routines The different dynamics of roles and responsibilities around the world Managing and mediating personal and cultural differences | An Inquiry Into: <ul style="list-style-type: none"> The components of a city Processes and resources of cities Factors that change cities over time Chronological organization of a city | An Inquiry Into: <ul style="list-style-type: none"> Composers, writers and artists How the work of artists affect changes and cultures How processes and patterns interact with human existence | An Inquiry Into: <ul style="list-style-type: none"> The dynamics of planets, moons, stars, constellations and the importance of gravity The earth's movement relative to the sun and stars Movement and phases of the moon | An Inquiry Into: <ul style="list-style-type: none"> Production and distribution of electricity Identification and understanding of parts of an electrical system The conductivity of materials The importance of electricity and its impact on the environment | An Inquiry Into: <ul style="list-style-type: none"> An investigation and comparison of life cycles The effect of environmental changes on life cycles Resources needed for survival |

4th Grade

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|-----------------|--|--|---|---|---|---|
| 4 th | Humans' Adaptations | The Migration of the Masses | Colors of Culture | What Matters? | The Economic Rollercoaster | Forces of Nature |
| | Central Idea: People and their environments are interdependent upon each other. | Central Idea: Historically, groups of people have moved into and out of areas causing change in the cultural make-up of a society. | Central Idea: A geographic area has a style of art that may be specific to that place. | Central Idea: Matter is subject to physical and chemical changes. | Central Idea: A region's economy is affected by its resources, industry and services. | Central Idea: Natural and unnatural forces have continually influenced the planet Earth. |
| | Subject Focus: Science, PSE | Subject Focus: Social Studies | Subject Focus: History, Art | Subject Focus: Science, Math | Subject Focus: Social Studies, Math | Subject Focus: Science |
| | An Inquiry Into: <ul style="list-style-type: none"> The design of homes based on the physical environment Meeting of nutritional needs based upon accessibility of resources Recreational patterns being influenced by environmental factors | An Inquiry Into: <ul style="list-style-type: none"> Global perspective of population growth and change Factors influencing global population growth Causes and effects of emigration and immigration Convergent and divergent movement patterns | An Inquiry Into: <ul style="list-style-type: none"> How indigenous people and settlers created their own style of art Recognition of patterns and designs of different cultures in certain geographic regions Art and its relevance to a region's culture and history Why people create art Comparing art of cultures with indigenous peoples | An Inquiry Into: <ul style="list-style-type: none"> The function of simple and compound machines The relationship of motion, force, mass, and their measurement Properties of matter How every action has an equal and opposite reaction | An Inquiry Into: <ul style="list-style-type: none"> Goods and services a region produces Exchange of goods, imports and exports Economic factors that affect population The importance of currency | An Inquiry Into: <ul style="list-style-type: none"> The physical characteristics of different landforms and different regions Natural forces influence the formation and location of resources The impact of technology on natural resources (i.e. irrigation, dams, etc.) A survey of the various landforms on the earth (hills, mountains, etc.) |

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|-----------------|--|--|---|--|--|--|
| 5 th | Fork in the Road | National Roots | Hallowed Halls | Comets and Campfires | The Great Experiment | Links in a Chain |
| | Central Idea: The life choices we make have both immediate and future consequences. | Central Idea: Many factors contribute to the formation of nations. | Central Idea: Architecture is a reflection of a society's history and values. | Central Idea: Matter and energy are interchangeable, and are the building blocks of our universe. | Central Idea: Democracy is a form of government that has evolved to enable citizens to affect societal change. | Central Idea: Organisms within an ecosystem are dependent upon one another and have adapted specifically for their environment. |
| | Subject Focus: Science, Health, Art, PSE, Language Arts | Subject Focus: Geography, History, Language Arts | Subject Focus: Art, History, Math, Language Arts | Subject Focus: Science, Math, Language Arts | Subject Focus: History, Language Arts | Subject Focus: Science, Math, Geography |
| | An Inquiry Into: <ul style="list-style-type: none"> • The different challenges that we face as we mature • The effect the choices we make have upon ourselves and others • The varying practices and attitudes relative to life choices among different cultures | An Inquiry Into: <ul style="list-style-type: none"> • The evolution of economic and cultural characteristics in different regions • The Age of Exploration and colonization by European posers • The factors that influence economic and settlement patterns | An Inquiry Into: <ul style="list-style-type: none"> • Architecture as a physical statement of a society's values • Factors that affect regional differences in architecture • Cultural influences on architectural aesthetics and purpose | An Inquiry Into: <ul style="list-style-type: none"> • The relationship between matter and energy • The properties of heat and how it is generated • The role of heat in the mutability of matter | An Inquiry Into: <ul style="list-style-type: none"> • The influence of European and other legal systems in the formation of the democratic concept • The impact of significant civil events on the formation and practice of democracy • The interdependent structure of representational government | An Inquiry Into: <ul style="list-style-type: none"> • How organisms interact within and adapt for specific environments • How the physical landscape shapes organism population patterns • How climate and geography influence the location/abundance of resources |