Mildred Helms Elementary IB World School

Programme of Inquiry 2018-2019

REV 4/18/19

	Mildred Heims Element		Programme	of inquiry 2018-2019		REV 4/18/19
	Who we are	Where we are in place	How we express	How the world works	How we organize	Sharing the planet
		and time	ourselves		ourselves	
РКЗ	TD: nature of the self Central Idea: Every day is an opportunity to learn about me. Key Concepts: Form, function, connection Related Concepts: identity, patterns, properties Lines of Inquiry: My daily routines; My senses and feelings; What I look like ATLs: Social skills; Communication skills LP: Open-minded; Caring; Communicator	TD: an orientation into place and time Central Idea: Key Concepts: perspective, change Related Concepts: Lines of Inquiry: ATLs: LP: UNDER CONSTRUCTION	TD: the ways in which we reflect on, extend, and enjoy our creativity Central Idea: People around the world can use music and movement to express themselves. Key Concepts: form, connection, perspective Related Concepts: music, dance, feelings Lines of Inquiry: Music around the world; Dance around the world; How music and dance make you feel ATLs: Social; communication LP: Communicator; risk-taker	TD: natural world and its laws Central Idea: Every day is opportunity to learn about living things around the world. Key Concepts: Form, connection, causation Related Concepts: Animals, classification, similarities/differences Lines of Inquiry: Animals and insects around the world; Basic needs of living things; The similarities and differences between living things. ATLs: Thinking; communication LP: Caring; knowledgeable REV 12/18	TD: the interconnectedness of human- made systems and communities Central Idea: Communities have similarities and differences. Key Concepts: Form, function, connection Related Concepts: Communities, similarities, differences Lines of Inquiry: Farms and cities; My Community; Similarities and differences in communities ATLs: Social; communication LP: Inquirers; open-minded <i>REV. 11-18</i>	TD: rights and responsibilities and the struggle to share finite resources with other people and with other living things Central Idea: Every day is an opportunity to protect our oceans. Key Concepts: Form, connection, responsibility Related Concepts: animals, habitats, pollution Lines of Inquiry: The oceans; Ocean animals; Protecting our oceans ATLs: Research, self-management LP: Thinkers, balanced REV 4/19
VPK	TD: human relationships including families, friends, communities, and cultures Central Idea: We build relationships at home and at school. Key Concepts: Form, function, connection Related Concepts: relationships, families, belonging Lines of Inquiry: My school; My friends; My family ATLs: Social; communication LP: Risk-takers; communicators <i>Rev. 8/18</i>	TD: the relationships between and the interconnectedness of individuals and civilizations Central Idea: Families around the world are connected by similarities and differences. Key Concepts: Form, connection, reflection Related Concepts: Geography, family, similarities and differences Lines of Inquiry: Where families live; Roles in the family; Similarities and differences in families ATLs: Thinking; communication; research LP: Knowledgeable; reflective REV 10/18	TD: appreciation of the aesthetic Central Idea: Every day is an opportunity to express ourselves and appreciate art. Key Concepts: Form, function, perspective Related Concepts: Similarities, differences, creativity, opinion Lines of Inquiry: What art is like; How art is created; What art communicates ATLs: Social; thinking; self-management; communication LP: Risk-taker; communicator	TD: the natural world and its laws Central Idea: Every day is an opportunity to observe how animals live, grow, and change. Key Concepts: Form, connection, change Related Concepts: Animals, habitats, growth Lines of Inquiry: Characteristics of animals; Animal habitats; Observing changes in animals ATLs: Research; communication LP: Caring; inquirers REV 1/19	TD: the interconnectedness of human- made systems and communities Central Idea: Community helpers and transportation impact communities. Key Concepts: Responsibility; form; connection Related Concepts: Employment, community, transportation Lines of Inquiry: Community helpers; Places where people work; Transportation in communities ATLs: Thinking; communication LP: Balanced; knowledgeable Rev. 11-18	TD: peace and conflict resolution Central Idea: Every day is an opportunity to discover new ways to get along, collaborate, and solve conflicts. Key Concepts: Causation, function, responsibility Related Concepts: Lines of Inquiry: ATLs: LP: Open-minded; principled REV 4/19
К	TD: what it means to be human Central Idea: A school community is made of diverse individuals who learn together. Key Concepts: Form, <i>function</i> , responsibility Related Concepts: relationship, systems, diversity Lines of Inquiry: Learning together safely and responsibly; Our similarities and differences; My place in the school community ATLs: Communication; social; self- management LP: Risk-takers; caring; communicators <i>REV 4-18</i>	TD: personal histories Central Idea: History tells the story of society's past. Key Concepts: Form, change, connection Related Concepts: history, progress, identity Lines of Inquiry: People from the past; Changes in people, families, and society; Personal and family histories ATL: Research; communication; social LP: Knowledgeable; balanced REV 4/19	TD: the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values Central idea: Culture is expressed through family traditions, celebrations, and holidays. Key Concepts: form, perspective, connection Related Concepts: traditions, culture, holidays Lines of Inquiry: Holidays around the world; Why people celebrate; Family traditions and their meanings ATL: Thinking; research; communication LP: Inquirer; open-minded; knowledgeable <i>REV 4-18</i>	TD: the natural world and its laws Central Idea: Change and patterns help us determine how we structure our lives. Key Concepts: change, causation, function Related Concepts: Space, weather, patterns Lines of Inquiry: Day and night; Seasonal weather changes; Our daily patterns ATL: Communication; research; thinking LP: Risk-taker; knowledgeable REV 2/19	TD: the interconnectedness of human made systems and communities Central Idea: Communities are created when people work together. Key Concepts: form, function, causation Related Concepts: roles, systems, patterns Lines of Inquiry: Parts of a community; Jobs and roles in the community; Impact of the jobs people do ATL: Social; communication; thinking LP: Caring; communicators; thinkers REV 8-9/18	TD: rights and responsibilities and the struggle to share finite resources with other people and with other living things Central Idea: Humans have a responsibility to protect living things and the environment. Key Concepts: Form, responsibility, connection Related Concepts: Animals, plants, ecosystems Lines of Inquiry: Global habitats; Living and nonliving things; Human responsibility to the global environment. ATL: Research; communication; social LP: Risk-taker; open-minded; reflective; inquirer REV 12/18
1 st	TD: rights and responsibilities Central Idea: Roles, rights, and responsibilities establish purpose in a community. Key Concepts: Function, responsibility, connection Related concepts: Roles, rights, systems Lines of Inquiry: My roles; My rights and responsibilities; My purpose in the community ATL: Social; self-management LP: Risk-takers; communicators; inquirers REV. 8/18	TD: an orientation in place and time Central Idea: People and places change over time. Key Concepts: Form, perspective, causation Related Concepts: chronology, geography, locality Lines of Inquiry: People around the world; My place on the earth; People and places in the past and present ATL: Communication; research; thinking LP: Balanced; knowledgeable <i>REV 4-18</i>	TD: the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values Central Idea: Symbols represent ideas and values. Key Concepts: Form, connection, causation Related Concepts: Artifacts, diversity, identity Lines of Inquiry: What symbols are like; What symbols mean; Why symbols are valued ATL: Thinking; research LP: Open-minded; principled <i>REV 4-18</i>	TD: the natural world and its laws Central Idea: Living things grow and change. Key Concepts: Form, function, change Related Concepts: genetics, animals/plants, growth Lines of Inquiry: What living and nonliving things are like; Traits of living things; Observing changes in living things ATL: Research; thinking LP: Knowledgeable; reflective REV 4-18	TD: societal decision making Central Idea: Decisions make an impact on people and places. Key Concepts: Function, perspective, causation Related Concepts: opinion, impact, initiative Lines of Inquiry: Decision making; Opinions; The impact of decisions ATL: Self-management; thinking LP: Knowledgeable; caring REV 10-18	TD: access to equal opportunities Central Idea: Access to water impacts the world. Key Concepts: Change, causation, responsibility Related Concepts: opportunity, water, equality Lines of Inquiry: The opportunities to get water; Water's impact on living things and nonliving things; Preservation and conservation of water ATL: Thinking; social; research LP: Knowledgeable; caring; reflective <u>REV 4/19</u>

2 nd	TD: rights and responsibilities Central Idea: Global citizens make contributions to their communities. Key Concepts: Connection, responsibility, reflection Related concepts: citizenship, communities, communication Lines of Inquiry: Traits of a global citizen; Different types of communities; How to make contributions in the community ATL: Social; communication LP: Risk-taker; communicator <i>REV 8/18</i>	TD: homes and journeys Central Idea: Immigration impacts communities. Key Concepts: Form, causation, change Related Concepts: immigration, history, settlements Lines of Inquiry: What immigration is; Why people immigrate; Changes in communities ATL: Thinking; social; self- management LP: Knowledgeable; reflective; open- minded REV 3/19	TD: the ways in which we reflect on, extend, and enjoy our creativity Central Idea: People make sense of the world by observing, interpreting, and describing nature. Key Concepts: Form, connection, perspective Related Concepts: Structure, nature, opinion Lines of Inquiry: Observations of nature; Stories that explain our world; Creating our own expressions about nature ATL: Thinking; communication LP: Reflective; principled; communicator <i>REV 12/18</i>	TD: the impact of scientific and technological advances on society and the environment Central Idea: Science and technology impact human health. Key Concepts: Form, function, connection Related Concepts: Technology, impact, biology Lines of Inquiry: Human body; Basic needs; How human health has been impacted ATL: Research; self-management LP: Thinkers; balanced REV 4/19	TD: economic activities and their impact on humankind and the environment Central Idea: Weather events impact the economic activities and resources of communities. Key Concepts: Causation, change, connection Related Concepts: Weather, economics, communities Lines of Inquiry: Types of severe weather; Preparing for severe weather; Impacts of severe weather ATL: Communication; thinking; research LP: Communicators; balanced REV 8/18	TD: communities and the relationships within and between them Central Idea: Traditions create culture in a community. Key Concepts: form, perspective, connection, Related Concepts: similarities, differences, opinions Lines of Inquiry: Music and art; Food; Creating traditions and culture ATL: Thinking; communication LP: Open-minded; reflective; inquirers REV 10/18
3 rd	TD: human relationships including families, friends, communities, and cultures Central Idea: Relationships and community are built through interactions. Key Concepts: Form, function, connection Related concepts: Similarities/differences, communication, relationships Lines of Inquiry: Kinds of relationships; Ways we form relationships; Working together in a community ATL: communication; social skills LP: Risk-taker; communicators REV. 8/18	TD: personal histories Central Idea: Personal histories shape how people see themselves and others. Key Concepts: Perspective; connection; responsibility Related Concepts: History, diversity, identity Lines of Inquiry: The personal experiences people have; Similarities and differences in personal histories; How our personal experiences impact our lives and others ATL: Communication; social LP: Communicators; Thinkers REV 1/19	TD: the ways in which we discover and express ideas, feelings, nature, culture, beliefs, and values Central Idea: Literature inspires feelings and values that lead to action. Key Concepts: Perspective, responsibility, change Related Concepts: communication, opinion, traditions Lines of Inquiry: Lessons and morals in literature; Choices and consequences; Ideals and actions ATL: Thinking; communication LP: Open-minded; reflective; principled <i>Rev. 10-18</i>	TD: how humans use their understanding of scientific principles Central Idea: Energy use impacts the environment. Key Concepts: Form, function, responsibility Related Concepts: Forms of energy, living things, transformation of energy Lines of Inquiry: Types of energy; Heat and light; Environmental impacts from energy ATL: Research; thinking; communication LP: Inquirer; thinker; communicator <i>REV 9-18</i>	TD: structure and function of organizations Central Idea: Human values shape government and civic organizations. Key Concepts: Causation, function, responsibility Related Concepts: Governments; roles; citizenship Lines of Inquiry: Rules and laws; Government structure and function; Civic responsibilities and virtues ATL: Social; communication LP: Principled; reflective REV 12/18	TD: peace and conflict resolution Central Idea: Conflict can be resolved in different ways. Key Concepts: Perspective, responsibility, connection Related Concepts: Conflict, resolution, diversity Lines of Inquiry: Issues and conflicts; Ways to resolve issues; Working together for peace ATL: Communication; self- management LP: Reflective; balanced REV 4/19
4 th	TD: beliefs and values Central Idea: Beliefs and values influence perspectives on social issues. Key Concepts: Perspective, causation, responsibility Related Concepts: beliefs, similarities, differences Lines of Inquiry: Beliefs and values; Social issues; Actions that make a difference ATL: Research; social; thinking LP: Communicator; open-minded; reflective <i>REV 10-18</i>	TD: the relationships between and the interconnectedness of individuals and civilizations, from local and global perspectives Central Idea: People from past civilization contribute to present societies. Key Concepts: Form, causation, connection Related Concepts: Civilizations, history, exploration, settlement Lines of Inquiry: Native tribes and people; Exploration, colonization, and settlement; Impacts of the past on today's society ATL: Self-management; communication LP: Knowledgeable; principled Rev. 2/19	TD: appreciation of the aesthetic Central Idea: An appreciation of the aesthetic leads to creative expression. Key Concepts: form, function, perspective Related Concepts: nature, communication, subjectivity Lines of Inquiry: The beauty of the world around us; Imagery in written language; Expressions of creativity ATL: LP: REV 4/19	TD: the interaction between the natural world (physical and biological) and human societies Central Idea: humans understand the world through patterns. Key Concepts: Function, change, connection Related Concepts: Patterns, cycles, routines Lines of Inquiry: Patterns in our community; Patterns in literature; Patterns in the sky; Patterns in math ATL: Thinking; communication LP: Risk-taker; communicator <i>REV. 8/18</i>	TD: economic activities and their impact on humankind and the environment Central Idea: Economic activity causes change to people and where they live. Key Concepts: Function; connection; change Related Concepts: Regions; production; impact Lines of Inquiry: Tourism and industry; How geography impacts economics; Economic activity transforms people and places. ATL: Research; thinking; social LP: Thinkers; Inquirers REV 12/18	TD: rights and responsibilities in the struggle to share finite resources with other people and with other living things Central Idea : Living things share resources and impact the environment. Key Concepts: Form, change, responsibility Related Concepts: Erosion, renewable and nonrenewable resources, systems Lines of Inquiry: Natural resources; Environmental impact; Responsible sharing of resources ATL: Social; research LP: Balanced; Thinkers Rev. 8-9/18
5 th	TD: personal, physical, mental, social, and spiritual health Central Idea: Reflection promotes personal growth. Key Concepts: form, causation, change Related Concepts: image, interdependence, perseverance Lines of Inquiry: Personal similarities and differences; How mindset promotes growth; Places and events that define individuals ATL: Thinking; social LP: Risk-taker; reflective; open-minded <i>Rev. 8/18</i>	TD: the discoveries, explorations and migrations of humankind Central Idea: Exploration can lead to discovery and change. Key Concepts: causation, change, perspective Related Concepts: adaptation, exploration, discovery Lines of Inquiry: Why people explore; The effects of exploration; Impacts on people and places ATL: Communication; thinking LP: Inquirers; Knowledgeable <i>Rev 8/18</i>	TD: appreciation of the aesthetic Central Idea: The interpretation of the expressions of others leads to an appreciation of the world around us. Key Concepts: Connection, perspective, relationships Related Concepts: Opinion, communication, relationships Lines of Inquiry: Expressions of others; Interpreting messages around us; Real world connections ATL: Thinking; social LP: Open-minded; communicator <i>Rev 10-18</i>	EXHIBITION TD: how humans use their understanding of scientific principles Central Idea: Humans can impact the natural world. Key Concepts: All key concepts. Related Concepts: Lines of Inquiry: Student developed. ATL: All approaches to learning. LP: All learner profile attributes. REV 4-18	TD: societal decision making Central Idea: Societal decision making can cause revolutions. Key Concepts: Causation; perspective; function Related Concepts: Structure; relationships; interpretation Lines of Inquiry: Causes of Revolution; Society's Participation in Revolution; Impacts of Revolution ATL: Research; communication; self- management LP: Communicator; inquirer; thinker <i>Rev. 12-18</i>	TD: communities and the relationships within and between them Central Idea: International mindedness and action builds a global community. Key Concepts: Change, connection, responsibility Related Concepts: Impact; networks; roles Lines of Inquiry: International mindedness; Action; My legacy in the learning community ATL: Self-management; thinking LP: Reflective; balanced <i>REV 2/19</i>