## Harvard Elementary School Programme of Inquiry (POI) – 2016-2017

|    | An inquiry into the nature of the self; beliefs and values; personal, physical, mental, social and spiritual health; human relationships including families, friends, communities, and cultures; rights and responsibilities; what it means to be human.  Who We Are | An inquiry into orientation in place and time; personal histories; homes and journeys; the discoveries, explorations and migrations of humankind; the relationships between and the interconnectedness of individuals and civilizations, from local and global perspectives.  Where We Are in | An inquiry into the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values; the ways in which we reflect on, extend and enjoy our creativity; our appreciation of the aesthetic.  How We Express | An inquiry into the natural world and its laws; the interaction between the natural world (physical and biological) and human societies; how humans use their understanding of scientific principles; the impact of scientific and technological advances on society and on the environment. | An inquiry into the interconnectedness of human-made systems and communities; the structure and function of organizations; societal decision-making; economic activities and their impact on humankind and the environment.  How We Organize | An inquiry into the rights and responsibilities in the struggle to share finite resources with other people and with other living things; communities and the relationships within and between them; access to equal opportunities; peace and conflict resolution. |
|----|--|---|--|--|--|--|
|    |  | Place and Time  | Ourselves  |  | Ourselves  | i ciraring rine riames   |
| PK | Central Idea: Relationships cultivate unique growth.   | ridoc dila rime   | Central Idea: Societies express beliefs and traditions in different ways.  | Central Idea:<br>Environmental factors<br>affect life cycles.  | Central Idea: Community helpers influence our lives.   |  |
|    | Key Concepts: Connection Form Responsibility  Related Concepts:  |   | Key Concepts: Connection Function Reflection   | Key Concepts: Form Change Reflection   | Key Concepts: Form Function Connection   |  |
|    | Interdependence Growth Similarities Differences Values  Lines of Inquiry:  | PK classes only implement four planners each year.  | Related Concepts: Communication Relationships Beliefs Behavior   | Related Concepts: Properties Adaptation Responsibility   | Related Concepts: Structure Role Systems Citizenship   | PK classes only implement four planners each year.   |
|    | Commonalities and differences among individuals  How family dynamics play a role in our lives  |   | Lines of Inquiry: How families celebrate relevant events  Traditions changing over time and geographical   | Lines of Inquiry: Properties and characteristics of animals Living and Nonliving   | Lines of Inquiry: Human needs Ways community helpers impact our lives  |  |
|    | How personal habits contribute to growth  How growth and change affect your anatomy  – 1 –   |   | location  How people use traditions to express culture  -2-  | things  Effects of the environment $-4-$   | How people work together to maintain communities   |  |

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|---|--|--|--|--|---|--|
|   | Who We Are   | Where We Are in  | How We Express   | How The World Works  | How We Organize   | Sharing The Planet   |
|   |  | Place and Time   | Ourselves  |  | Ourselves   |  |
| K | Central Idea: Communities can enhance knowledge.   | Central Idea: Our lives change through experiences and time.   | Central Idea: Stories and celebrations convey a culture's beliefs and values.  | Central Idea: Weather affects living things.   | Central Idea: Communities depend on the people who live in them.  | Central Idea:<br>Change defines<br>nature.   |
|   | Key Concepts: Connection, Responsibility Form  | Key Concepts:<br>Connection<br>Perspective<br>Change   | Key Concepts: Connection Perspective Reflection  | Key Concepts: Connection Function Change   | Key Concepts:<br>Connection<br>Form<br>Function   | Key Concepts: Connection Causation Change  |
|   | Related Concepts: Relationships Systems Citizenship Structure Similarities Differences   | Related Concepts: Relationships Interdependence Subjectivity Transformation Growth   | Related Concepts: Relationships Beliefs Opinion Behavior Responsibility  | Related Concepts: Systems Relationships Pattern Interdependence Adaptation Cycles  | Related Concepts: Systems Networks Role Citizenship Justice   | Related Concepts: Systems Interdependence Sequences Growth Cycles  |
|   | Lines of Inquiry: Responsibilities as lifelong learners Ways we learn  | Lines of Inquiry: How events change understanding Similarities and   | Lines of Inquiry: How traits and attitudes are expressed through stories  Stories as a way of  | Lines of Inquiry: Types of weather The relationship between weather and the seasons  | Lines of Inquiry: Types of jobs Purpose of specific roles   | Lines of Inquiry: How living things change over their lifetimes  How living things   |
|   | How we learn from each other   | differences between personal histories   | understanding cultural lessons and messages  | The effects of weather on living things  | How jobs are interconnected within our community  | depend on one another  |
|   | How different communities are organized  | How time affects our growth  | How traditions are reflected through stories in different cultures   |  |   | How changes in the environment affect living things  |
|   | -1-  | -6-  | -3-  | -5-  | -4-   | -2-  |

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|   | Who We Are   | Where We Are in<br>Place and Time  | How We Express<br>Ourselves  | How The World Works  | How We Organize<br>Ourselves  | Sharing The Planet   |
| 1 | Central idea: Rights and responsibilities help shape relationships.  | Central idea: Past events help shape our present and give insight into future possibilities.   | Central idea: Creativity offers us the means to express our thoughts and feelings.   | Central idea: Change can drive innovation.  Key Concepts:  | Central idea: Leaders can influence societies' beliefs and values.  | Central idea: Interactions strengthen relationships and environments.  Key Concepts:   |
|   | Key Concepts: Connection Causation Responsibility  Related Concepts: Balance Conflict Rights   | Key Concepts: Perspective Connection Change  Related Concepts: Chronology History  | Key Concepts: Reflection Perspective Connection  Related Concepts: Audience Celebration Self-expression Live performance   | Function Causation Change  Related Concepts: Discovery Innovation Progress   | Key Concepts: Reflection Perspective Responsibility  Related Concepts: Networks Beliefs Initiative  | Form Function Change  Related Concepts: Adaptation Classification Systems  |
|   | Lines of Inquiry How rights are established and utilized Balancing personal rights with responsibilities   | Lines of Inquiry Legacies of historical figures Students' personal histories Timelines   | Lines of Inquiry Value of creativity How creativity inspires self-expression Discovering artistry through various genres   | Lines of Inquiry Reasons inventions are made  How technology has changed over time  Inventors and their Contributions to society   | Lines of Inquiry Characteristics of effective leaders Leaders past and present People's beliefs and values changing over  | Lines of Inquiry Unique features and habitats of animals Environmental systems and patterns Interdependence between organisms and the environment  |
|   | Development and maintenance of healthy relationships   | Future possibilities -2-   | -3-  | -6-  | time  Leaders' impact on society  -5-   | -4-  |

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| 2 | Central Idea: Citizenship contributes to societies.  Key Concepts: Perspective Connection Reflection  Related Concepts: Beliefs Interdependence Behavior  Lines of Inquiry: How people contribute to the community                                       | Central Idea: A region's distinctive features influence settlement.  Key Concepts: Causation Responsibility Change  Related Concepts: Relationships Beliefs Behavior  Lines of Inquiry: Landforms and symbols on world maps  | Central Idea: Storytelling defines cultures.  Key Concepts: Perspective Form Connection  Related Concepts: Subjectivity Values Relationships  Lines of Inquiry Why people tell stories  How people communicate       | Central Idea: Living and nonliving things exhibit properties and patterns.  Key Concepts: Connection Causation Change  Related Concepts: Relationships Patterns Cycles  Lines of Inquiry: Properties and patterns of living and nonliving things   | Central Idea: People's choices reflect their needs and wants.  Key Concepts: Connection Function Causation  Related Concepts: Systems Justice Interpretation  Lines of Inquiry: Characteristics of needs and wants          | Central Idea: Human interactions affect our environment.  Key Concepts: Causation Change Reflection  Related Concepts: Consequences Interdependence Rights  Lines of Inquiry: Basic needs of living things   |
|   | How communities impact citizens  How citizens think, act, and care for each other  How traditions promote community  | Similarities and differences among continents and their peoples  Characteristics of personal heritage  | stories  The interpretations of stories  | Classifying the natural World (characteristics of living and non-living)  Cycles   | Income for services Economic systems  | Positive and negative effects of human interactions on the environment  How living things adapt to survive in their environment  -5-   |

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| 3 | Central Idea: Beliefs and values often reflect cultures.   | Central Idea: Discoveries potentially provoke change.  Key Concepts:   | Central Idea: Humans express themselves and their ideas through art, storytelling and poetry.  | Central Idea: Relationships help develop systems.  | Central Idea:<br>Lifestyles influence<br>business and economy.  | Central Idea: Interdependency within an ecosystem is necessary for survival.   |
|   | Key Concepts: Connection Perspective Change  | Change Responsibility Causation  Related Concepts:   | Key Concepts: Causation Change Connection  | Key Concepts: Connection Causation Change  | Key Concepts: Connection Function Causation   | Key Concepts:<br>Change<br>Connection<br>Responsibility  |
|   | Related Concepts: Relationships Beliefs Adaptations  | Impact Innovation Transformation Initiative  Lines of Inquiry: Changes in inventions   | Related Concepts: Structure Patterns Interpretation  Lines of Inquiry:   | Related Concepts: Systems Interdependence Properties   | Related Concepts: Role Communication Values Network   | Related Concepts: Adaptations Consequences Interdependence   |
|   | Lines of Inquiry: Roles beliefs and values play in a community   | over time  Adapting existing inventions to needs of today  | Writers' and artists' influence on self-expression  Distinguishing   | Lines of Inquiry: The role of the sun and its effect on the planets The planets in   | Lines of Inquiry: The effect of supply and demand on an economy   | Lines of Inquiry: How systems compete for survival How peoples' use of   |
|   | How beliefs and values shape our lives   | Historic figures and how they have provoked  | characteristics of different types of poetry   | comparison to the Earth  How the Earth's position in   | How people earn, spend and save money   | and interaction with resources impact an environment   |
|   | How cultural celebrations reflect beliefs and values   | change  Scientists and engineers and how they have   | Inspirations for creative artistic expression  Exploring the richness of   | relation to the Sun affects time and weather  How the Earth's landforms  | How a simple business operates  | How habitats meet the needs of organisms in an ecosystem   |
|   | -1-  | influenced change  | language   | change -2-   | - 4-  | -6-  |

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| 4 | Central Idea: Communities can facilitate a blending of cultures.   | Central Idea: Exploration cultivates change.   | Central Idea: Thoughts and feelings ignite action.   | Central Idea: Utilized energy drives forces in society.  | Government structures impact the way we live.   | Central Idea: Conservation maintains life.   |
|   | Key Concepts:  | Key Concepts:  | Key Concepts:  | Key Concepts:  | Key Concepts:   | Kev Concepts:  |
|   | Change   | Change   | Perspective  | Change   | Function  | Responsibility   |
|   | Function   | Causation  | Reflection   | Function   | Responsibility  | Function   |
|   |  | Perspective  |  | Responsibility   | Causation   | Connection   |
|   | Related Concepts:  |  | Related Concepts:  |  |   |  |
|   | Similarities   | Related Concepts:  | Structures   | Related Concepts:  | Related Concepts:   | Related Concepts:  |
|   | Relationships  | Adaptations  | Beliefs  | Systems  | Systems   | Interdependence  |
|   | Differences<br>Behavior  | Beliefs  | Interpretation   | Patterns   | Impact  | Behavior<br>Justice  |
|   | Benavior   | Consequences   |  | Cycles   | Rights  | Justice  |
|   | Lines of Inquiry:  |  | Lines of Inquiry:  |  |   |  |
|   | How shared ideas and   | Lines of Inquiry   | Different purposes of  | Lines of Inquiry:  | Lines of Inquiry:   | Lines of Inquiry:  |
|   | beliefs unify cultures   | How explorers affect social and political  | expression   | Impact of energy on environment and society  | Government structures   | How time and   |
|   | How types of communities   | change   | Varied forms and   | l.,  | Government symbols  | technology affect our  |
|   | differ   | Llavotha atualant  | techniques of expression   | How energy changes forms   | Covers and dooring and  | responsibility to our  |
|   | How diverse community  | How the student can be an explorer   | How people take action on  | How energy use and/or  | Government documents  | planet   |
|   | members define/redefine  | ne all exhibiei  | their thoughts and feelings  | lack of energy creates   |   | Challenges to conserve   |
|   | cultures   | How explorations transform   | and thoughte drie recinings  | responsibility   |   | resources  |
|   | -1-  | perspectives   | -3-  | -4-  | -5-   | How life is impacted by conservation   |
|   |  | -2-  |  |  |   | -6-  |

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|   | Central Idea:  | Central Idea:  | Central Idea:  | Control Idea   | Central Idea:   | Central Idea:  |
| 5 | People initiate change through their actions.  | Patterns of settlement contribute to environmental change.   | Technological advances affect the perspectives of people's beliefs.  | Central Idea: Science and technology undergo changes that challenge and benefit society and the environment.   | Revolutions can shape societies.  | Humans and other living organisms impact their ecosystems through their use of finite resources.   |
|   | Key Concepts: Perspective Causation Change   | Key Concepts: Perspective Change Causation   | Key Concepts: Function Reflection Responsibility   | Key Concepts: Causation Change Connection  | Key Concepts: Change Causation Form   | Key Concepts: Causation Connection Responsibility  |
|   | Related Concepts: Prejudice Beliefs Impact   | Related Concepts: Impact Beliefs   | Related Concepts: Role Creativity Responsibility   | Related Concepts: Sequences Transformation Adaption  | Related Concepts: Beliefs Citizenship Consequences  | Related Concepts: Interdependence Consequences   |
|   | Transformation  Lines of Inquiry: Perspectives of notable persons  Impact on societies/communities  Differences between cultures   | Rights Growth  Lines of Inquiry: Push-pull factors for migration  Consequences of migration  Change in global dynamics   | Lines of Inquiry: How the abundance of technological information impacts a person's frame of reference  Photography and its Influence on people's perspectives  How art is influenced by technology                  | Lines of Inquiry: How science and technology change over time  How science and technology changes impact society and environment  Human responsibility to society and the environment  | Lines of Inquiry: The causal effects of revolutionary documents  The understanding of revolutionary events and their significance leading to reorganization of government  Function of government documents                 | Lines of Inquiry: How humans interact with other organisms in their ecosystems Human impact on Ecosystems Sustainable patterns of interaction  |
|   | -4-  | -1-  | -6-  | -3-  | -2-   | -5-  |