

PYP Programme of Inquiry (POI)

Tracey's Elementary School

2017-18

May 2018 update

	Who We are	Where we are in place & time	How we express ourselves	How The World Works	How we Organize Ourselves	Sharing the planet
	<i>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; and what it means to be human.</i>	<i>An inquiry into orientation in place and time; personal histories; homes and journeys; the discoveries, explorations and migrations of humankind; and the relationships between and the interconnectedness of individuals and civilizations, from local and global perspectives.</i>	<i>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</i>	<i>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; and the impact of scientific and technological advances on society and on the environment</i>	<i>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</i>	<i>An inquiry into 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</i>
KG	<p>Central Idea: Individuals are unique and have a role in the community</p> <p>Key Concepts : Form, Change, Connection <i>Related Concepts:</i> choices, role, community</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • How we are unique • My role in the classroom • Community connections <p>Learner Profile: Balanced, Communicator Attitudes: Independence, Empathy, Cooperation Approaches to Learning: Social & Self-management skills</p>	<p>Central Idea: Travel enables us to meet new people and visit places</p> <p>Key Concepts: Causation, Change, Connection <i>Related concepts:</i> movement, goods, tools</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Movement of goods and people • Helping people locate places • Changes over time <p>Learner Profile: Inquirer, Open-minded Attitudes: Commitment, appreciation, independence Approaches to Learning: Communication & Social skills</p>	<p>Central Idea: People communicate to express their feelings and ideas</p> <p>Key Concepts: Form, Function, Responsibility <i>Related Concepts:</i> beliefs, communication, needs</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Types of communication • Meeting our wants and needs • Cultural Influences when Communicating <p>Learner Profile: Inquirer, Communicator, Thinker Attitudes: Confidence, Empathy, Respect Approaches to Learning: Self-management & Communication skills :</p>	<p>Central Idea: Movement affects objects and people</p> <p>Key Concepts: Function, Causation, Connection <i>Related concepts:</i> movement, community, environment</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Transportation • Force affects the movement of objects • Man-made features and the way they enhance movement in our communities <p>Learner Profile: Reflective, Principled, Thinker Attitudes: Creativity, Cooperation Approaches to Learning: Research and Social skills</p>	<p>Central Idea: Changes affect our everyday lives</p> <p>Key Concepts: Form, Connection, Responsibility <i>Related concepts:</i> community, environment</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • How living things grow and change • The effect of change on the community • The impact of change on the environment <p>Learner Profile: Communicator, balanced Attitudes: Respect, Curiosity, Cooperation Approaches to Learning: Social skills, communication skills</p>	<p>Central Idea: Living things adapt to meet their needs in their environment</p> <p>Key Concepts: Form, Change, Perspective <i>Related concepts:</i> features, community, adaptation</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Natural features and what they look like • The effects of weather on living things • Living things sharing the environment <p>Learner Profile: Knowledgeable, Open-minded, Reflective Attitudes: Respect, Curiosity, Enthusiasm Approaches to Learning: Research & Social skills</p>

Gr1	<p>Central Idea: Life experiences connect all living things</p> <p>Key Concepts: Change , Connection, Reflection <i>Related Concepts:</i> culture, living things, experiences</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Changes in livings things • How I am special • Our similarities & differences <p>Learner Profile: Caring, Open-Minded Attitudes: Tolerance, Respect Approaches to learning: Social skills, Self-management skills</p>	<p>Central Idea: People learn from communicating with each other</p> <p>Key Concepts :Form, Function, Change <i>Related Concepts:</i> sources, messages, communication</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Sounds around us • Sources of Light • Different types of messages <p>Learner Profile: Communicator, Inquirer, Thinker, Knowledgeable Attitudes: Cooperation, Creativity, Enthusiasm Approaches to learning: Communication, Thinking & Social skills</p>	<p>Central Idea: Determination leads to overcoming challenges</p> <p>Key Concepts :Function, Change, Reflection <i>Related Concepts:</i> challenges, creativity, problem solving</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Inventors • Overcoming challenges • Understanding how persistence influences success <p>Learner Profile: Risk-taker (courageous), Inquirer, Open-minded Attitudes: Commitment, curiosity, Enthusiasm Approaches to learning: Research, Self- Management skills</p>	<p>Central Idea: Living things depend on the world around us</p> <p>Key concepts: Causation, Change, Connection <i>Related concepts:</i> traits,</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Traits of living things • Plants and their parents • Animal survival <p>Learner Profile: Inquirer, Knowledgeable Attitudes: cooperation, curiosity Approaches to learning: Research and social skills</p>	<p>Central Idea: People make decisions to meet their needs</p> <p>Key concepts: Form, Function, Responsibility <i>Related concepts:</i> market, goods, services, costs</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Choosing between wants and needs • Production of goods and services • Earning money for goods and services <p>Learner Profile: Knowledgeable, Reflective Attitudes: Appreciation, curiosity, cooperation Approaches to Learning: Communication skills, Thinking skills</p>	<p>Central Idea: Protecting our environment influences how we live, work and play</p> <p>Key Concepts: Form, Function, Perspective <i>Related Concepts:</i> influence, patterns, preservation</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Patterns in the sky • Being resourceful in communities • Taking care of the Earth <p>Learner Profile: Caring , Knowledgeable Attitudes: Creativity, Independence, Confidence Approaches to Learning: Self-management, Thinking, communication skills</p>
Gr2	<p>Central Idea: Members of Communities Work to Reach a Common Goal</p> <p>Key concepts: Function, Connection, Responsibility <i>Related concepts:</i> teamwork, community, goals</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Interactions within communities • Teamwork • Achieving common goals <p>Learner Profile: Thinker, Caring, Principled Attitudes: Curiosity, Creativity, Appreciation, Commitment Approaches to Learning: Thinking, Research, Social and Communication skills</p>	<p>Central Idea: Early histories influences our lives today</p> <p>Key concepts: Change, Perspective, Reflection <i>Related concepts:</i> groups, exploration,</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Life in the past compared to life today • The characteristics of communities • Government systems <p>Learner Profile: Inquirer, Open-minded, Reflective Attitudes: Curiosity, Cooperation Approaches to Learning: Thinking, Communication & Research skills</p>	<p>Central Idea: Solutions require teamwork and communication</p> <p>Key concepts: Form, Function, Perspective <i>Related Concepts:</i> solutions, teamwork, problem solving</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Map elements and navigation skills • Scientific methods • The improvement and impact of inventions <p>Learner Profile: Communicator, Knowledgeable, Reflective Attitudes: Cooperation, Curiosity, Tolerance Approaches to Learning: Research, Communication and Social skills</p>	<p>Central Idea: Change impacts the earth's resources</p> <p>Key Concepts: Connection, Change, Responsibility <i>Related concepts:</i> resource, ecosystem, economy</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Ecosystems • The water cycle and states of matter • Weather, natural disasters and impacts on land and humans <p>Learner Profile: Balanced, Reflective Attitudes: Curiosity, Appreciation, Confidence, Empathy Approaches to Learning: Research, Communication and Social skills</p>	<p>Central Idea : Resources drive the design of products and services available to communities worldwide</p> <p>Key concepts: Function, Causation, Change <i>Related concepts:</i> economy, products, service, choice</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Natural resources used ot make products • Products connecting people around the world • economic choices <p>Learner Profile: Knowledgeable, Communicator, Principled Attitudes: Enthusiasm, Integrity, Independence Approaches to Learning: Thinking, Communication, Self-management skills</p>	<p>Central Idea : Living things have relationships within their environments</p> <p>Key Concepts: Form, Causation, Connection <i>Related Concepts :</i> region, environment, residence</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Habitats • Connections to the environment • The effects of living things on the environment <p>Learner Profile: Inquirer, Thinker, Knowledgeable Attitudes: Creativity, Commitment, Curiosity, Appreciation Approaches to Learning: Thinking, Research skills</p>

Gr3	<p>Central Idea: Successful communities are built and fostered by people who take responsibility</p> <p>Key Concepts: function, change Responsibility <i>Related Concepts:</i> democracy, order, humanity</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Characteristics that make us human • Citizens demonstrating democratic principles • Laws and maintaining order <p>Learner Profile: Communicator, Open-minded</p> <p>Attitudes: Integrity, Respect, Confidence</p> <p>Approaches to Learning: Communication, Social, Research skills</p>	<p>Central Idea : Circumstances cause people to migrate from one place to another</p> <p>Key concepts: Function, Causation, Perspective <i>Related Concepts:</i> relocation, conflict, cause and effect</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Reasons people migrate from one place to another • Opportunities available to immigrants • Impact of migration on the community <p>Learner Profile: Thinker, Risk-taker (Courageous, Balanced</p> <p>Attitudes: Cooperation, Empathy, Appreciation, Tolerance, Curiosity</p> <p>Approaches to Learning: Thinking, Communication, Research skills</p>	<p>Central Idea: Creativity and Ingenuity influence the outcomes of design</p> <p>Key concepts: Form, causation, change <i>Related Concepts:</i> design, process,</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • The Purpose and types of designs • Materials and techniques used in designing • Designing solutions to real world problems <p>Learner Profile: Risk-Taker (courageous) Open-Minded, Thinker</p> <p>Attitudes: Curiosity, Commitment, Enthusiasm</p> <p>Approaches to Learning: Research, Thinking and Communication skills</p>	<p>Central Idea: Forces affect the world around us</p> <p>Key concepts: Form, Function, Causation <i>Related concepts:</i> force, motion, gravity, magnet</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Forces affecting motion • Interaction of forces • Magnetic forces <p>Learner Profile: Communicator, Reflective</p> <p>Attitudes: Cooperation, Curiosity</p> <p>Approaches to Learning: Thinking and Self-management skills</p>	<p>Central Idea: Trade strengthens relationships and interdependence among regions of the world</p> <p>Key Concepts :Function, Causation, Connection <i>Related concepts:</i> import, export, economy, budget</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Economic choices • Producers and consumers • Import and export processes <p>Learner Profile: Risk-Taker, Reflective</p> <p>Attitudes: Creativity, Commitment, Integrity</p> <p>Approaches to Learning: Self-management, Research, Thinking skills</p>	<p>Central Idea: Forces of nature impact animal dynamics</p> <p>Key Concepts: Causation, Change, Connection <i>Related Concepts:</i> groups, adaptations, weather, environment</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Benefits of working in groups • Animal adaptations • Weather hazards impacting animal environments <p>Learner Profile: Knowledgeable, Reflective</p> <p>Attitudes: Appreciation, Respect, Empathy</p> <p>Approaches to Learning: Social Skills, Research skills</p>
Gr4	<p>Central Idea: Features of living things contribute to their well being</p> <p>Key concepts: Function, Connection, Reflection. <i>Related concepts:</i> survival, interactions, heredity</p> <p>Lines of Inquiry :</p> <ul style="list-style-type: none"> • Survival traits and behavior • The brain • Decision making processes <p>Learner Profile: Caring, Thinker, Inquirer</p> <p>Attitudes: Curiosity, *<u>Tolerance</u>, Respect</p> <p>Approaches to Learning: Research, Self-management skills</p>	<p>Central Idea :Knowledge of our past defines the future</p> <p>Key concepts: Function, Perspective, Reflection <i>Related concepts:</i> slavery, government, change</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Ideals which are worth fighting for • The institution of slavery and its impact • Experiences leading to change <p>Learner Profile: Inquirer, Caring, Reflective</p> <p>Attitudes: Appreciation, Cooperation, Curiosity, Empathy, *<u>Tolerance</u></p> <p>Approaches to Learning:</p>	<p>Central Idea: Societal development is the result of participation and action.</p> <p>Key Concepts : Function, change, reflection <i>Related Concepts:</i> development, decisions, action</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Reasons to participate for causes • Decisions that bring about change • Ideas leading to action <p>Learner Profile: Principled, Risk-Taker(Courageous), Balanced</p> <p>Attitudes: Confidence, Independence, *<u>Tolerance</u></p>	<p>Central Idea: Earth's evolving landscape has local and global impacts</p> <p>Key concepts: Change, Causation, Connection <i>Related Concepts:</i> universe, weather, disasters</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • The erosion process • Natural disasters in our world • Universal connections as a result of natural disasters <p>Learner Profile: Knowledgeable, Risk-Taker(Courageous), Communicator</p> <p>Attitudes: Creativity, Curiosity, Cooperation</p>	<p>Central idea: Human groups are formed from cultural and geographical similarities</p> <p>Key concepts: Form, Function, Change <i>Related concepts:</i> groups, culture, feature</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Geographic features • Societal groups • Group interactions <p>Learner Profile: Caring, Communicator, Open-Minded</p> <p>Attitudes: Cooperation, Empathy, *<u>Tolerance</u></p> <p>Approaches to Learning: Self-management, Thinking, Communication, Social skills</p>	<p>Central idea Energy provides resources to sustain life</p> <p>Key Concepts :Function , Perspective, Responsibility <i>Related Concepts:</i> Interactions, transformations, energy</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Interactions and transformations of matter and energy • Energy use worldwide • Our responsibility to the earth and each other <p>Learner Profile: Inquirer, Thinker, Principled</p> <p>Attitudes: Commitment, Respect, Creativity</p> <p>Approaches to Learning: Self-management, Thinking, Research skills</p>

		Research, Thinking and Self-management skills	Approaches to Learning: Research, Self-management, Communication and Social skills	Approaches to Learning: Thinking, Research, & Communication skills		
Gr 5	<p>Central Idea: Individual beliefs affect change in government</p> <p>Key concepts; Function, Change, Responsibility <i>Related concepts:</i> cause, foundations, revolution, rights, freedom</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Causation and effects of revolution • Foundations of government • Individual rights and freedom <p>Learner Profile: Communicator, Knowledgeable Attitudes :Respect, Independence Approaches to Learning: Research and Communication skills</p>	<p>Central Idea : Motion within our physical and personal world leads to change</p> <p>Key concepts: Change, Connection, Responsibility <i>Related Concepts:</i> Colonialism, forces, development</p> <p>Line of Inquiry:</p> <ul style="list-style-type: none"> • Development in the colonial world • Change is affected by physical forces • Physical forces provide growth and development <p>Learner Profile: Inquirer Attitudes: Creativity, Appreciation Approaches to Learning: Research, Communication, Thinking and Self-management skills</p>	<p>Central Idea: Appreciation of nature is evident in the way humans treat the universe.</p> <p>Key concepts: Causation, Change, Perspective perspective <i>Related Concepts:</i> behavior, system, motion, interaction</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Human behavior and effect on the food chain and web • The solar system and motion of the earth • The interactions of spheres and the effect on climate change <p>Learner Profile: Risk-Taker (Courageous), Reflective, Balanced Attitudes: Independence, Responsibility, Curiosity Approaches to Learning: Research, Thinking and Self-management skills</p>	<p>Central Idea : Matter effects the chemical and physical changes everywhere</p> <p>Key Concepts: Function, Causation, Change <i>Related concepts:</i> matter, interactions, properties</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Chemical and physical interactions of matter • Matter and its properties • Personal investigations into matter <p>Learner Profile: Communicator, Inquirer, thinker, Knowledgeable Attitudes: Appreciation, Integrity ,Curiosity Approaches to Learning: Thinking, Communication, Self-management, Social and Research skills</p>	<p>Central idea : Business decisions affect local and global relationships</p> <p>Key Concepts : Form, function, causation, responsibility <i>Related Concepts:</i> economy, finance, decision making</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Financial dependability • Establishing a business • Preparing to Work • Good and services in the colonial world <p>Learner Profile: Communicator, Risk-Taker, Principled Attitudes: Cooperation, Creativity, Commitment, Independence Approaches to Learning:Social and Self-management skills</p>	<p>Central Idea: Sustaining water resources on earth assures continuity of life</p> <p>Key concepts: Change, reflection, Connection <i>Related Concepts:</i> design, energy, water, pollution, contamination, systems</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Water and its uses • Pollution and contamination • Designing Effective water filtration systems <p>Learner Profile: Inquirer, Communicator, Knowledgeable Attitudes: Commitment, Creativity Approaches to Learning: Research skills, Communication skills, Self- management skills</p>

Matrix is a work in progress and can be changed when team members dialogue