

Grades	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
	<p>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.</p>	<p>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.</p>	<p>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.</p>	<p>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.</p>	<p>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.</p>	<p>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.</p>
Nur	<p>Central idea: Our senses help us understand ourselves and the world around us.</p> <p>Key concepts: Function, Causation, Perspective</p> <p>Additional Concepts: Systems, Structure, Consequence Adaptation, Opinion Diversity Interpretation</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • The role of our senses in helping 		<p>Central idea: We express our ideas and feelings through art.</p> <p>Key concepts: Form, Connection, Change</p> <p>Additional Concepts: Structure Properties Communication Interpretation Growth Transformation Improvement</p> <p>Line of inquiries:</p>		<p>Central idea: People create routines and systems to help communities work well.</p> <p>Key concepts: Function, Responsibility, Change</p> <p>Additional Concepts: Purpose, Systems Order, Choice Consequence, Fairness , Adaptation Improvement, Flexibility</p> <p>Line of inquiries:</p>	<p>Central idea: Living things have needs, and homes help meet those needs.</p> <p>Key concepts: Form, Connection, Responsibility</p> <p>Additional Concepts: Structure, Features, Needs, Adaptation, Survival, Protection, Respect, Stewardship</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • Different types of homes for people and animals (Form)

	<p>us explore the world (Function)</p> <ul style="list-style-type: none"> • What happens when we use our senses in different ways (Causation) • Differences in our likes and dislikes (Perspective) 		<ul style="list-style-type: none"> • Different forms of art we can create (Form) • How art helps us share ideas with others (Connection) • How our artwork can change as we explore and improve (Change) 		<ul style="list-style-type: none"> • The purpose of routines and rules (Function) • How our actions affect others in our classroom (Responsibility) • Keeping balance when routines change (Change) 	<ul style="list-style-type: none"> • How homes meet the needs of living things (Connection) • Whether it is okay to change an animal's home (Responsibility)
EY1	<p>Central idea: Understanding ourselves helps us grow and build relationships with others.</p> <p>Key concepts: Form, Change, Perspective</p> <p>Additional Concepts: Identity, Characteristics, Beliefs, Growth, Development, Adaptation, Diversity, Empathy, Interpretation</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • Factors that make us who we are (Form) • How we grow and change over time (Change) • Similarities and differences between people (Perspective) 		<p>Central idea: Stories can inform, persuade, and entertain us.</p> <p>Key concepts: Form, Function, Perspective</p> <p>Additional Concepts: Structure, Genre, Characterization, Purpose, Audience, Message, Interpretation, Bias, Opinion, Point of view</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • The structure of stories (beginning–middle–end) (Form) • The purpose of storytelling (Function) • Different opinions about the same story (Perspective) 	<p>Central idea: The Earth's natural cycles influence the activity of living things.</p> <p>Key concepts: Function, Change, Causation</p> <p>Additional Concepts: Systems, Sequence, Transformation, Growth, Variation, Consequence, Impact, Interdependence</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • Patterns in natural cycles (day/night, seasons) (Function) • How living things change in response to Earth's cycles (Change) 		<p>Central idea: Our actions have an impact on the environment around us.</p> <p>Key concepts: Connection, Causation, Responsibility</p> <p>Additional Concepts: Interdependence, Systems, Consequence, Impact, Stewardship, Choice, Equity</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • Different kinds of materials we use and discard (Connection) • How waste affects the environment and living things (Causation) • Should everyone help reduce waste (Responsibility)

				<ul style="list-style-type: none"> • Whether humans should try to change natural cycles (Causation) 		
EY2	<p>Central idea: Our thoughts and actions influence our relationships with others.</p> <p>Key concepts: Connection, Responsibility, Perspective</p> <p>Additional Concepts: Belonging Support Community Choice Respect Accountability Feelings Opinion Diversity</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • The groups we belong to and how they support us (Connection) • The impact of our words and actions on others (Responsibility) • Different ways people think and feel in relationships (Perspective) 	<p>Central idea: Studying the past helps us understand change over time.</p> <p>Key concepts: Change, Causation, Perspective</p> <p>Additional Concepts: Continuity Development Progress Evidence Influence Consequence Interpretation Bias Experience</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • Differences between life in the past and today (Change) • Evidence as a way to learn about the past (Causation) • The influence of people's experiences on stories about the past (Perspective) 	<p>Central idea: Celebrations reflect cultural values and traditions.</p> <p>Key concepts: Form, Change, Perspective</p> <p>Additional Concepts: Features Ritual Symbolism Tradition Evolution Influence Beliefs Diversity Interpretation</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • The features of different celebrations (Form) • Changes in celebrations over time (Change) • Different perspectives on traditions across cultures (Perspective) 	<p>Central idea: Patterns in nature help us understand how the world works.</p> <p>Key concepts: Form, Function, Change</p> <p>Additional Concepts: Structure Classification Characteristics Purpose Systems Prediction Cycle Variation Adaptation</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • Patterns we observe in nature (Form) • The role of patterns in making predictions (Function) • Whether patterns stay the same or change (Change) 	<p>Central idea: Transportation systems connect people and places.</p> <p>Key concepts: Function, Connection, Causation</p> <p>Additional Concepts: System Purpose Infrastructure Community Interdependence Network Consequence Safety Regulation</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • Different types of transportation systems (Function) • Connections between transportation and communities (Connection) • What might happen if there were no transportation rules? (Causation) 	<p>Central idea: Food systems connect people, places and resources.</p> <p>Key concepts: Connection, Function, Responsibility</p> <p>Additional Concepts: Interdependence Resources Community Process Production Distribution Sustainability Waste Stewardship</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • Where food comes from (Connection) • The processes food goes through before reaching us (Function) • Responsibility for reducing food waste (Responsibility)
PYP 1	<p>Central idea: Understanding our bodies and minds</p>	<p>Central idea: Exploration and geography influence</p>	<p>Central idea: People use different forms of storytelling</p>	<p>Central idea: Understanding forces and motion helps</p>	<p>Central idea:</p>	<p>Central idea: Water and materials are essential resources that</p>

	<p>helps us make healthy choices.</p> <p>Key concepts: Function, Causation, Change</p> <p>Additional Concepts: System Structure Role Choice Impact Lifestyle Growth Habits Improvement</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • The functions of body systems that keep us healthy (Function) • The impact of daily choices on physical and emotional health (Causation) • Small choices leading to big changes in our health (Change) 	<p>how people live and connect.</p> <p>Key concepts: Form, Causation, Perspective</p> <p>Additional Concepts: Map Tools Features Environment Settlement Adaptation Culture Exploration Interpretation</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • How maps and tools help us understand places (Form) • The influence of geographical features on how people live (Causation) • Different ideas people may have about new places (Perspective) 	<p>to communicate ideas and emotions.</p> <p>Key concepts: Form, Causation, Perspective</p> <p>Additional Concepts: Structure Genre Language Style Influence Purpose Message Audience Interpretation Bias</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • Features of effective storytelling (Form) • How stories influence people’s thinking and actions (Causation) • Different interpretations of stories by different audiences (Perspective) 	<p>people design and create solutions.</p> <p>Key concepts: Function, Change, Connection</p> <p>Additional Concepts: Force Energy Mechanism Motion Acceleration Transformation Design Innovation Systems</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • Different types of forces in everyday life (Function) • Changes in motion caused by forces (Change) • Does understanding forces always lead to better designs? (Connection) 	<p>Communities create systems to meet people’s needs.</p> <p>Key concepts: Responsibility, Connection, Change</p> <p>Additional Concepts: Accountability Citizenship Fairness Interdependence Service Network Adaptation Impact Sustainability</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • The roles and responsibilities of community members (Responsibility) • Connections between community services (Connection) • How might a community change if one role disappeared? (Change) 	<p>must be managed responsibly.</p> <p>Key concepts: Function, Connection, Responsibility</p> <p>Additional Concepts: Properties Purpose Process Interdependence Survival Environment Conservation Sustainability Stewardship Equity</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • The properties and uses of materials and water (Function) • The importance of water for survival (Connection) • Responsibility for protecting water sources (Responsibility)
PYP 2	<p>Central idea: Understanding and applying rules influences our attitudes, choices, and relationships.</p> <p>Key concepts: Function, Change, Responsibility</p> <p>Additional Concepts:</p>	<p>Central idea: Scientific inquiry into force and motion has led to inventions that shape modern life.</p> <p>Key concepts: Function, Causation, Connection</p> <p>Additional Concepts: Mechanism</p>	<p>Central idea: Leaders communicate beliefs and values to influence change.</p> <p>Key concepts: Form, Change, Perspective</p> <p>Additional Concepts: Characteristics Style</p>	<p>Central idea: Weather patterns influence how people live and prepare for natural events</p> <p>Key concepts: Form, Change, Responsibility</p> <p>Additional Concepts: Characteristics</p>	<p>Central idea: Signs and symbols are systems that enable communication across communities.</p> <p>Key concepts: Form, Connection, Perspective</p> <p>Additional Concepts: Features</p>	<p>Central idea: Plants and natural resources sustain life and require responsible management.</p> <p>Key concepts: Causation, Connection, Responsibility</p> <p>Additional Concepts: Process</p>

	<p>Purpose System Order Behavior Attitude Adaptation Citizenship Accountability Justice Choice</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • The purpose and function of rules and laws (Function) • The influence of rules on behavior and attitudes (Change) • Is it our responsibility to follow rules? (Responsibility) 	<p>Structure Efficiency Energy Force Motion Consequence Innovation Technology Impact Ethics</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • How simple machines function (Function) • The relationship between force and motion (Causation) • Do inventions always improve human life? (Connection) 	<p>Qualities Action Impact Transformation Ethics Power Bias Responsibility</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • Characteristics of effective leadership (Form) • Ways leaders bring about change (Change) • The difference between influence and responsible leadership (Perspective) 	<p>System Climate Pattern Trend Variation Preparedness Safety Community Resilience</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • The characteristics of different weather systems (Form) • Changes in weather patterns over time (Change) • Whether people are prepared enough for severe weather (Responsibility) 	<p>Code Structure Purpose Context Function Accessibility Interpretation Culture Preference Bias</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • Different types of signs and symbols (Form) • How signs and symbols are connected to everyday life (Connection) • Different preferences in ways people communicate (Perspective) 	<p>Dependence Impact Ecosystem Interdependence Sustenance Conservation Stewardship Sustainability Equity</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • The process of pollination and plant reproduction (Causation) • The role of plants in sustaining life (Connection) • Shared responsibility for protecting natural resources (Responsibility)
PYP 3	<p>Central idea: Knowledge of where we come from and our surroundings help us to understand ourselves.</p> <p>Key concepts: Form, Causation, Connection</p> <p>Additional Concepts: Characteristics Classification Structure Genetics Inheritance Influence</p>	<p>Central idea: Gaining insights from the study of ancient civilizations has laid the foundation for innovative approaches and methods.</p> <p>Key concepts: Function, Change, Connection</p> <p>Additional Concepts: Resources Systems Technology Influence</p>	<p>Central idea: A work of art is the product of complex processes.</p> <p>Key concepts: Form, Causation, Perspective</p> <p>Additional Concepts: Elements Medium Composition Process Technique Inspiration Purpose Interpretation</p>	<p>Central idea: Light and sound are used to perceive and interact with the world.</p> <p>Key concepts: Form, Function, Perspective</p> <p>Additional Concepts: Properties Waves Source For Function Reflection Transmission Detection</p>	<p>Central idea: Economic systems empower people to manage and organize themselves through the exchange of goods and services.</p> <p>Key concepts: Change, Connection, Responsibility</p> <p>Additional Concepts: Barter Currency Development Supply and demand Market</p>	<p>Central idea: The choices we make impact the Earth's ecosystems</p> <p>Key concepts: Function, Causation, Responsibility</p> <p>Additional Concepts: Energy flow System Roles Adaptation Dependence Impact Conservation Stewardship</p>

	<p>Environment Belonging Relationships</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • The characteristics humans share as members of the animal kingdom (Form) • The influence of genetic and environmental factors on who we are (Causation) • The influence of our surroundings on identity and development (Connection) 	<p>Development Legacy Architecture Innovation Adaptation</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • How ancient civilizations used available resources to meet their needs (Function) • The influence of past civilizations on present-day systems and technologies (Change) • How studying ancient architecture inspires modern design (Connection) 	<p>Culture</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • Different forms of creative expression in art (Form) • Why artists use different styles and techniques to express ideas (Causation) • Different purposes for creating art (Perspective) 	<p>Perception Interpretation Creativity</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • Properties of light and sound (Form) • The use of light and sound to explore our surroundings (Function) • Different ways scientists and artists use light and sound (Perspective) 	<p>Interdependence Resource management Sustainability Fairness</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • The development of money from bartering and trade (Change) • Connections between producers and consumers through the exchange of goods and services (Connection) • The role of economic systems in managing resource (Responsibility) 	<p>Sustainability</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • Food webs and how energy moves through ecosystems (Function) • Adaptations of living things to their habitats (Causation) • How human actions affect the balance of ecosystems (Responsibility)
PYP 4	<p>Central idea: Effective interactions between human body systems contribute to health and survival.</p> <p>Key concepts: Function, Connection, Responsibility</p> <p>Additional Concepts: System Structure Process Interdependence Interaction Lifestyle</p>	<p>Central idea: Human movement is a response to challenges, risks and opportunities</p> <p>Key concepts: Change, Causation, Perspective</p> <p>Additional Concepts: Migration Settlement Push and pull factors Opportunity Identity Belonging</p>	<p>Central idea: People create and manipulate messages to target specific audiences.</p> <p>Key concepts: Form, Function, Perspective</p> <p>Additional Concepts: Media Techniques Structure Purpose Influence Persuasion</p>	<p>Central idea: Space exploration leads to our understanding of our place in the universe.</p> <p>Key concepts: Form, Change, Causation</p> <p>Additional Concepts: Solar system Structure Scale Exploration Discovery Advancement</p>	<p>Central idea: International organizations allow for problem solving at a global scale.</p> <p>Key concepts: Function, Connection, Responsibility</p> <p>Additional Concepts: Governance Cooperation Mandate Collaboration Interdependence Partnership</p>	<p>Central idea: Energy maybe converted, transformed and used to support human progress.</p> <p>Key concepts: Form, Connection, Responsibility</p> <p>Additional Concepts: Energy sources Properties Classification Transformation Transfer Systems Sustainability</p>

	<p>Choice Prevention</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • The functions of major human body systems (Function) • Connections and interdependence between human body systems (Connection) • The influence of lifestyle choices on the health of body systems (Responsibility) 	<p>Diversity</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • How patterns of human migration have changed over time and place (Change) • Reasons why people migrate (Causation) • Opportunities and challenges created by migration for people and societies (Perspective) 	<p>Audience Interpretation Bias</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • Different tools and techniques used in media to influence audiences (Form) • How messages are designed to influence the behavior and thinking of audiences (Function) • Different responses people may have to media messages (Perspective) 	<p>Innovation Evidence Impact</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • The components of the solar system (Form) • The expansion of our understanding of the universe through space exploration (Change) • The role of space exploration in leading to new discoveries about the universe (Causation) 	<p>Accountability Peacekeeping Humanitarian aid</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • The role of the United Nations as a global platform for addressing international issues (Function) • Connections between international organizations, people, and resources in solving global problems (Connection) • Responsibility of international organizations in solving global problems (Responsibility) 	<p>Conservation Impact</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • Different forms of energy sources (renewable and non-renewable) (Form) • Energy transformations from one form to another (Connection) • The need for people to change the way they use energy for the future (Responsibility)
PYP 5	<p>Central idea: Understanding the human brain and how we learn helps us to reach our potential.</p> <p>Key concepts: Function, Causation, Change</p> <p>Additional Concepts: System Structure Communication Evidence Discovery</p>		<p>Central idea: All stories have a plot and the hero's journey is universal across all literary genres.</p> <p>Key concepts: Form, Change, Perspective</p> <p>Additional Concepts: Structure Genre Setting Transformation Development</p>	<p>Central idea: Electricity and magnetism, and the relationship between the two, are fundamental to the workings of the modern world</p> <p>Key concepts: Function, Connection, Responsibility</p> <p>Additional Concepts: Conductivity Circuit</p>	<p>Central idea: Countries establish governments which are organized to help them function</p> <p>Key concepts: Form, Connection, Responsibility</p> <p>Additional Concepts: Structure Authority Institutions Citizenship Participation</p>	<p>Central idea: Conflict and resolution are two parts of the cycle of change and evolution.</p> <p>Key concepts: Causation, Perspective, Change</p> <p>Additional Concepts: Power Inequality Interests Bias Beliefs Interpretation</p>

	<p>Impact Growth Adaptation Neuroplasticity</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • The functions of major human body systems (Function) • How studies of brain injuries and unusual conditions have expanded our understanding of the brain (Causation) • Whether discoveries about the brain should change the way we learn (Change) 		<p>Audience Interpretation</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • The elements of a strong plot in stories (Form) • How characters change through challenges and experiences in a story? (Change) • The importance of relatable characters in making a story successful (Perspective) 	<p>Resistance Electromagnetism Energy transfer Interaction Safety Sustainability Impact</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • How different materials conduct electricity (Function) • The relationship between electricity and magnetism (Connection) • Responsible use of electricity and magnetic technologies in daily life (Responsibility) 	<p>Representation Rights Justice Accountability</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • The structure of governments in Pakistan (Form) • Connections between governments and citizens (Connection) • Responsibility for protecting citizens' rights (Responsibility) 	<p>Resolution Transformation Peace</p> <p>Line of inquiries:</p> <ul style="list-style-type: none"> • Different causes of conflict (Causation) • Different perspectives in conflict situations (Perspective) • Can conflict lead to positive change? (Change)
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