

## Ocean Knoll Programme Of Inquiry; 2016-2017

	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
<b>Kinder</b>	<p><b>Central idea:</b> In communities, people have roles which benefit their members.</p> <p><b>An inquiry into:</b> Roles that community members have (responsibility)</p> <p>Interdependent relationships between a community and its members (function)</p> <p>The benefits that a community provides (connection)</p>	<p><b>Central Idea:</b> Things change over time.</p> <p><b>An inquiry into:</b> How you have changed over time (change)</p> <p>Life long ago (change)</p> <p>How people's actions and inventions have changed our world (causation)</p>	<p><b>Central Idea:</b> People express their feelings through different art forms.</p> <p><b>An inquiry into:</b> Feelings (reflection)</p> <p>Expressing feelings through art. (perspective)</p> <p>How traditional art around the world makes us feel. (connection)</p>	<p><b>Central Idea:</b> Understanding cycles and patterns allows people to make predictions.</p> <p><b>An inquiry into:</b> Weather patterns (form)</p> <p>The effect of weather on people's lives (function)</p> <p>Using patterns to make predictions (function)</p>	<p><b>Central Idea:</b> Symbols represent histories and cultures.</p> <p><b>An inquiry into:</b> Symbols and their meaning (form)</p> <p>School and family culture (causation)</p> <p>Different ways history and culture can be represented (function)</p>	<p><b>Central Idea:</b> As caretakers, humans have a responsibility to protect the environment so the needs of plants and animals can be met.</p> <p><b>An inquiry into:</b> What living things need to survive. (connection)</p> <p>How the environment meets the needs of plants and animals (connection)</p> <p>Human impact on the environment (connection/responsibility)</p>
<b>Grade 1</b>	<p><b>Central Idea:</b> Active involvement of citizens transforms society.</p> <p><b>An inquiry into:</b> Rights and responsibilities in a society (function)</p> <p>What it means to be a citizen (function)</p> <p>Actions citizens take to enact change (responsibility)</p>	<p><b>Central Idea:</b> Human migrations change populations.</p> <p><b>An inquiry into:</b> Reasons people migrate and the various benefits and challenges (reflection)</p> <p>The benefits and challenges of a diverse population. (reflection)</p> <p>Understanding how the contributions of immigrants have transformed our society (reflection)</p>	<p><b>Central Idea:</b> Culture shapes our beliefs and values.</p> <p><b>An inquiry into:</b> Human beliefs and values (perspective)</p> <p>How culture affects our daily life (perspective)</p> <p>Cultural diversity (perspective)</p>	<p><b>Central Idea:</b> Observation of space systems leads to discovery.</p> <p><b>An inquiry into:</b> Movement of the Sun, Moon, and Earth (causation)</p> <p>Effects of sunlight and the moon on the Earth (causation)</p> <p>How technology advances the study of Sun, Moon, and Stars (change)</p>	<p><b>Central Idea:</b> Human needs and wants connect communities.</p> <p><b>An inquiry into:</b> Human and physical systems (connection)</p> <p>How natural resources affect the exchange of goods and services (connection)</p> <p>How needs and wants differ globally (connection)</p>	<p><b>Central Idea:</b> Mimicking nature inspires sustainable design.</p> <p><b>An inquiry into:</b> The structure and development of organisms (form)</p> <p>How plants and animals respond to stimuli (function)</p> <p>Responsible design utilizing functions and/or behaviors of organisms (form/function)</p>

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<b>Grade 2</b>	<p><b>Central Idea:</b> Leadership transforms vision into action.</p> <p><b>An inquiry into:</b> How heroes make a difference (<i>responsibility</i>)</p> <p>How leaders are created (<i>causation</i>)</p> <p>How leaders' vision creates change (<i>perspective</i>)</p>	<p><b>Central idea:</b> Exploring the past shapes our understandings of today.</p> <p><b>An inquiry into:</b> Family histories (<i>connection</i>)</p> <p>How life today differs from our ancestors' (<i>change</i>)</p> <p>How family life differs around the world (<i>connection</i>)</p>	<p><b>Central Idea:</b> Our attitudes and interests can be expressed in various ways.</p> <p><b>An inquiry into:</b> How self perception impacts expression. (<i>perspective</i>)</p> <p>How self expression unites us. (<i>connection</i>)</p> <p>How various forms of art make us feel. (<i>reflection</i>)</p>	<p><b>Central Idea:</b> Changing properties of matter can solve problems.</p> <p><b>An inquiry into:</b> The three states of matter (<i>form</i>)</p> <p>Physical and chemical changes in matter (<i>change</i>)</p> <p>How manipulating matter increases its uses (<i>change</i>)</p>	<p><b>Central idea:</b> Communities function and change to meet the needs of its members.</p> <p><b>An inquiry into:</b> How government is organized (<i>function</i>)</p> <p>Why laws are put in place (<i>causation</i>)</p> <p>How individuals make a difference (<i>responsibility</i>)</p>	<p><b>Central Idea:</b> Sustainable resources depend on the relationship between plants and animals.</p> <p><b>An inquiry into:</b> Plant parts and needs (<i>function</i>)</p> <p>The importance of pollination and seed dispersal (<i>causation</i>)</p> <p>Relationships between plants and animals in various habitats (<i>connection</i>)</p>
<b>Grade 3</b>	<p><b>Central idea:</b> An individual's actions impact their relationships.</p> <p><b>An inquiry into:</b> How actions and words demonstrate character (<i>connection</i>)</p> <p>How actions influence others' perception (<i>reflection</i>)</p> <p>How character impacts relationships with peers, families and friends (<i>responsibility</i>)</p>	<p><b>Central idea:</b> People's interactions with cultures and the environment shape communities and regions over time.</p> <p><b>An inquiry into:</b> How physical geography affects the local inhabitants way of life (<i>causation</i>)</p> <p>Why people choose to explore, migrate and settle (<i>perspective</i>)</p> <p>Differing cultural values and how they impact a community's lifestyle over time (<i>change</i>)</p>	<p><b>Central Idea:</b> Morals can be communicated through creative expression.</p> <p><b>An inquiry into:</b> The elements of fables, folktales and myths (<i>form</i>)</p> <p>Universal morals and how they are conveyed (<i>connection</i>)</p> <p>How similar morals and morals are expressed through various forms of art (<i>connection</i>)</p>	<p><b>Central idea:</b> Forces determine an object's motion.</p> <p><b>An inquiry into:</b> The natural laws of motion (<i>function</i>)</p> <p>Types of interactions between objects (<i>causation</i>)</p> <p>Applying knowledge of balance, electric and magnetic forces (<i>causation</i>)</p>	<p><b>Central idea:</b> Government systems influence how citizens participate in their community.</p> <p><b>An inquiry into:</b> Citizens' rights and responsibilities (<i>responsibility</i>)</p> <p>The structure of government (<i>form</i>)</p> <p>Civic Engagement (<i>perspective</i>)</p>	<p><b>Central idea:</b> Human interactions with the environment shape an organism's development.</p> <p><b>An inquiry into:</b> The life cycles of diverse life forms (<i>change</i>)</p> <p>Inheritance and how environments cause variations of traits (<i>causation</i>)</p> <p>An organism's behaviors and how they affect survival in an environment (<i>causation</i>)</p> <p>The relationship between humans and organisms (<i>connection</i>)</p>

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<b>Grade 5</b>	<p><b>Central Idea:</b> Expression of our beliefs and values shape our societies</p> <p><b>An inquiry into:</b> How beliefs and values are formed <b>(causation)</b></p> <p>Differing beliefs and values in societies <b>(causation)</b></p> <p>How people's beliefs and values are reflected in their society <b>(reflection)</b></p>	<p><b>Central Idea:</b> People take great risks to pursue their liberty.</p> <p><b>An inquiry into:</b> Relationships between citizens and government <b>(perspective)</b></p> <p>The need for change through revolution <b>(change)</b></p> <p>Responsibility once liberty has been achieved. <b>(responsibility)</b></p>	<p><b>Central Idea:</b> People project their creativity to the world in unique ways.</p> <p><b>An inquiry into:</b> Human expression <b>(function)</b></p> <p>Artistic expression <b>(form)</b></p> <p>What makes us unique <b>(perspective)</b></p>	<p><b>Central Idea:</b> Technological advances allow the dispersal of people and ideas.</p> <p><b>An inquiry into:</b> Historical impact of technology <b>(causation)</b></p> <p>How exploration leads to change <b>(connection)</b></p> <p>Intersection of technology and society <b>(change)</b></p>	<p><b>Central Idea:</b> Financial and social literacies benefit our global economy.</p> <p><b>An inquiry into:</b> The circular flow of goods and services in our world's markets. <b>(connection)</b></p> <p>How economic decisions impact communities and their sustainability. <b>(causation)</b></p> <p>Understanding how our classroom learning relates to real world literacies and responsibilities <b>(responsibility)</b></p>	<p><b>Central Idea:</b> The uneven distribution of the essential resource, water, leads to cooperation or conflict.</p> <p><b>An inquiry into:</b> The distribution of freshwater sources <b>(function)</b></p> <p>Who controls access to water <b>(function/responsibility)</b></p> <p>How we use water <b>(responsibility)</b></p>

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<b>Grade 6</b>	<p><b>Central Idea:</b> The search for balance can lead to action.</p> <p><b>An inquiry into:</b> Our physical selves (reflection)</p> <p>Our mental selves (reflection)</p> <p>Our spiritual selves (reflection)</p> <p>How we find balance (change)</p> <p><b>*Exhibition*</b></p>	<p><b>Central Idea:</b> The search for stability may lead to settlement.</p> <p><b>An inquiry into:</b> The elements of a stable settlement (form)</p> <p>Why settlements develop (causation)</p> <p>The growth and change of settlements to civilizations (change)</p>	<p><b>Central Idea:</b> Our perception of beauty is rooted in our sensory experiences</p> <p><b>An inquiry into:</b> What is beauty (perspective)</p> <p>How sensory experiences are created within the body (function)</p> <p>The function of figurative language within a body of text (function)</p> <p>How sensory input creates meaning (connection)</p>	<p><b>Central Idea:</b> Our knowledge of scientific principles can help us solve global problems. (2017)</p> <p><b>An inquiry into:</b> Types of energy (function)</p> <p>How temperature changes through the transfer of heat (change)</p> <p>How the design process can help us solve problems (reflection)</p>	<p><b>Central Idea:</b> Civil disobedience can influence government decisions that promote or deny justice.</p> <p><b>An inquiry into:</b> Ancient civilizations and their government structures (function)</p> <p>Different types of government and their impact on the citizens (perspective)</p> <p>Types of governments which support social justice (responsibility)</p>	<p><b>Central Idea:</b> Human behavior impacts earth's climate.</p> <p><b>An inquiry into:</b> Determinants of weather patterns (causation)</p> <p>How unequal heating of the earth affects climate (causation)</p> <p>How minimizing global warming supports equal opportunity to natural resources (responsibility)</p>