

# Thomas Jefferson IB STEAM Magnet PYP Whole-School Curriculum

## Pre-K – Primary Years

Language English	Social Studies Social Studies	Science Science	PSPE Physical Education	Arts Visual Arts
<p><b>8 Who we Are</b></p> <ul style="list-style-type: none"> <li>Who we are</li> <li>Management of emotions may improve behavior and affect choices we make.</li> <li>Common feelings and emotions that all humans share (connection)</li> <li>Ways to manage our emotions (causation)</li> <li>How to choose to behave (reflection)</li> </ul> <p><b>2 How we Express Ourselves</b></p> <ul style="list-style-type: none"> <li>How we express ourselves</li> <li>Through our senses we discover and learn to appreciate nature in order to develop a sense of stewardship for the world around us.</li> <li>The five senses and how they work</li> <li>Exploring and appreciating nature</li> <li>How we show stewardship</li> </ul>	<p><b>8 Who we Are</b></p> <ul style="list-style-type: none"> <li>Who we are</li> <li>Management of emotions may improve behavior and affect choices we make.</li> <li>Common feelings and emotions that all humans share (connection)</li> <li>Ways to manage our emotions (causation)</li> <li>How to choose to behave (reflection)</li> </ul>	<p><b>2 How we Express Ourselves</b></p> <ul style="list-style-type: none"> <li>How we express ourselves</li> <li>Through our senses we discover and learn to appreciate nature in order to develop a sense of stewardship for the world around us.</li> <li>The five senses and how they work</li> <li>Exploring and appreciating nature</li> <li>How we show stewardship</li> </ul> <p><b>2 Sharing the Planet</b></p> <ul style="list-style-type: none"> <li>Sharing the planet</li> <li>We can take responsibility for our environment by managing our waste.</li> <li>The Environment</li> <li>How we manage waste</li> <li>How we can take responsibility for the environment</li> </ul> <p><b>6 How the World Works</b></p> <ul style="list-style-type: none"> <li>How the world works</li> <li>Maintaining the variety of species that inhabit the earth ensures future resources.</li> <li>The variety of animal species</li> <li>Where animals live</li> <li>How animals and their habitats provide resources for humans</li> </ul>	<p><b>8 Who we Are</b></p> <ul style="list-style-type: none"> <li>Who we are</li> <li>Management of emotions may improve behavior and affect choices we make.</li> <li>Common feelings and emotions that all humans share (connection)</li> <li>Ways to manage our emotions (causation)</li> <li>How to choose to behave (reflection)</li> </ul>	<p><b>2 How we Express Ourselves</b></p> <ul style="list-style-type: none"> <li>How we express ourselves</li> <li>Through our senses we discover and learn to appreciate nature in order to develop a sense of stewardship for the world around us.</li> <li>The five senses and how they work</li> <li>Exploring and appreciating nature</li> <li>How we show stewardship</li> </ul>
10 weeks	8 weeks	10 weeks	8 weeks	2 weeks

# Kindergarten – Primary Years

Language English	Mathematics Mathematics	Social Studies Social Studies	Science Science	PSPE Physical Education
<p><b>6 How We Organize Ourselves</b></p> <ul style="list-style-type: none"> <li> How we organize ourselves</li> <li> Belonging to a community provides rights; improving that community requires responsibility and action.</li> <li> <ul style="list-style-type: none"> <li>• Structures of different communities</li> <li>• Our roles and responsibilities in communities</li> <li>• The impact of our actions</li> </ul> </li> </ul>	<p><b>6 Where We Are in Place and Time</b></p> <ul style="list-style-type: none"> <li> Where we are in place and time</li> <li> Understanding location helps us with navigation.</li> <li> <ul style="list-style-type: none"> <li>• Our location and our place in the world</li> <li>• Spatial relationships and orientation</li> <li>• How we use navigational tools to explore new places.</li> </ul> </li> </ul>	<p><b>6 How We Organize Ourselves</b></p> <ul style="list-style-type: none"> <li> How we organize ourselves</li> <li> Belonging to a community provides rights; improving that community requires responsibility and action.</li> <li> <ul style="list-style-type: none"> <li>• Structures of different communities</li> <li>• Our roles and responsibilities in communities</li> <li>• The impact of our actions</li> </ul> </li> </ul>	<p><b>6 How the World Works</b></p> <ul style="list-style-type: none"> <li> How the world works</li> <li> Knowledge of forces and movement may help us design solutions to barriers.</li> <li> <ul style="list-style-type: none"> <li>• The way things move</li> <li>• Designing solutions to problems</li> <li>• How we use our knowledge of pushes and pulls to overcome barriers (obstacles).</li> </ul> </li> </ul>	<p><b>6 How the World Works</b></p> <ul style="list-style-type: none"> <li> How the world works</li> <li> Knowledge of forces and movement may help us design solutions to barriers.</li> <li> <ul style="list-style-type: none"> <li>• The way things move</li> <li>• Designing solutions to problems</li> <li>• How we use our knowledge of pushes and pulls to overcome barriers (obstacles).</li> </ul> </li> </ul>
<p><b>6 Where We Are in Place and Time</b></p> <ul style="list-style-type: none"> <li> Where we are in place and time</li> <li> Understanding location helps us with navigation.</li> <li> <ul style="list-style-type: none"> <li>• Our location and our place in the world</li> <li>• Spatial relationships and orientation</li> <li>• How we use navigational tools to explore new places.</li> </ul> </li> </ul>	<p><b>6 Sharing the Planet</b></p> <ul style="list-style-type: none"> <li> Sharing the planet</li> <li> Survival of living things depends on maintaining balance in natural systems.</li> <li> <ul style="list-style-type: none"> <li>• How living things survive in their habitats</li> <li>• The components and function of natural systems.</li> <li>• How we maintain balance.</li> </ul> </li> </ul>	<p><b>8 Who We Are</b></p> <ul style="list-style-type: none"> <li> Who we are</li> <li> Celebration unifies people encouraging a sense of belonging and allowing us to build connections.</li> <li> <ul style="list-style-type: none"> <li>• The reasons we celebrate.</li> <li>• How groups create a sense of belonging.</li> <li>• How we connect with people who do things differently from us?</li> </ul> </li> </ul>	<p><b>6 Sharing the Planet</b></p> <ul style="list-style-type: none"> <li> Sharing the planet</li> <li> Survival of living things depends on maintaining balance in natural systems.</li> <li> <ul style="list-style-type: none"> <li>• How living things survive in their habitats</li> <li>• The components and function of natural systems.</li> <li>• How we maintain balance.</li> </ul> </li> </ul>	
<p><b>6 Sharing the Planet</b></p> <ul style="list-style-type: none"> <li> Sharing the planet</li> <li> Survival of living things depends on maintaining balance in natural systems.</li> <li> <ul style="list-style-type: none"> <li>• How living things survive in their habitats</li> <li>• The components and function of natural systems.</li> <li>• How we maintain balance.</li> </ul> </li> </ul>		<p><b>6 Where We Are in Place and Time</b></p> <ul style="list-style-type: none"> <li> Where we are in place and time</li> <li> Understanding location helps us with navigation.</li> <li> <ul style="list-style-type: none"> <li>• Our location and our place in the world</li> <li>• Spatial relationships and orientation</li> <li>• How we use navigational tools to explore new places.</li> </ul> </li> </ul>		
<p><b>6 How We Express Ourselves</b></p> <ul style="list-style-type: none"> <li> How we express ourselves</li> <li> Dramatic expression of stories communicates a message.</li> <li> <ul style="list-style-type: none"> <li>• What makes a story</li> <li>• Dramatic expression</li> </ul> </li> </ul>		<p><b>6 Sharing the Planet</b></p> <ul style="list-style-type: none"> <li> Sharing the planet</li> <li> Survival of living things depends on maintaining balance in natural systems.</li> </ul>		






















## Kindergarten – Primary Years

Language English	Mathematics Mathematics	Social Studies Social Studies	Science Science	PSPE Physical Education
<ul style="list-style-type: none"> <li>• Feelings and values expressed in stories</li> </ul>		<ul style="list-style-type: none"> <li>• How living things survive in their habitats</li> <li>• The components and function of natural systems.</li> <li>• How we maintain balance.</li> </ul>		
24 weeks	12 weeks	26 weeks	12 weeks	6 weeks

























## Kindergarten – Primary Years

Arts Visual Arts	Arts Dance	Arts Drama	Arts Music	
<div style="background-color: #e0e0e0; padding: 5px; margin-bottom: 10px;"> <b>6 How We Organize Ourselves</b> </div> <ul style="list-style-type: none"> <li>• How we organize ourselves</li> <li>• Belonging to a community provides rights; improving that community requires responsibility and action.</li> <li>• Structures of different communities</li> <li>• Our roles and responsibilities in communities</li> <li>• The impact of our actions</li> </ul> <div style="background-color: #e0e0e0; padding: 5px;"> <b>6 Sharing the Planet</b> </div> <ul style="list-style-type: none"> <li>• Sharing the planet</li> <li>• Survival of living things depends on maintaining balance in natural systems.</li> <li>• How living things survive in their habitats</li> <li>• The components and function of natural systems.</li> <li>• How we maintain balance.</li> </ul>	<div style="background-color: #e0e0e0; padding: 5px; margin-bottom: 10px;"> <b>8 Who We Are</b> </div> <ul style="list-style-type: none"> <li>• Who we are</li> <li>• Celebration unifies people encouraging a sense of belonging and allowing us to build connections.</li> <li>• The reasons we celebrate.</li> <li>• How groups create a sense of belonging.</li> <li>• How we connect with people who do things differently from us?</li> </ul>	<div style="background-color: #e0e0e0; padding: 5px; margin-bottom: 10px;"> <b>6 How We Express Ourselves</b> </div> <ul style="list-style-type: none"> <li>• How we express ourselves</li> <li>• Dramatic expression of stories communicates a message.</li> <li>• What makes a story</li> <li>• Dramatic expression</li> <li>• Feelings and values expressed in stories</li> </ul>	<div style="background-color: #e0e0e0; padding: 5px; margin-bottom: 10px;"> <b>8 Who We Are</b> </div> <ul style="list-style-type: none"> <li>• Who we are</li> <li>• Celebration unifies people encouraging a sense of belonging and allowing us to build connections.</li> <li>• The reasons we celebrate.</li> <li>• How groups create a sense of belonging.</li> <li>• How we connect with people who do things differently from us?</li> </ul>	
12 weeks	8 weeks	6 weeks	8 weeks	

# Grade 1 – Primary Years

Social Studies Social Studies	Science Science	PSPE Physical Education	Arts Visual Arts	
<div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 10px;"> <p><b>6 Where We Are in Place and Time</b></p> <p> Where we are in place and time</p> <p> Diversity contributes to forming a national identity and a sense of pride in citizenship.</p> <p> <ul style="list-style-type: none"> <li>• People of diverse backgrounds can form connections.</li> <li>• What is a national identity?</li> <li>• Change occurs over time.</li> </ul> </p> </div> <div style="border: 1px solid #ccc; padding: 5px;"> <p><b>5 How We Organize Ourselves</b></p> <p> How we organize ourselves</p> <p> Everyone contributes to making a society work.</p> <p> <ul style="list-style-type: none"> <li>• jobs</li> <li>• Understanding the Concepts of Exchange and the Use of Money</li> <li>• Citizenship</li> </ul> </p> </div>	<div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 10px;"> <p><b>8 How the World Works</b></p> <p> How the world works</p> <p> Preparing for future events is enhanced when we observe the patterns and cycles that allow us to make predictions.</p> <p> <ul style="list-style-type: none"> <li>• How to determine patterns and cycles.</li> <li>• Observations of natural phenomena help us make predictions</li> <li>• Knowledge of patterns and cycles help us prepare for future events.</li> </ul> </p> </div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 10px;"> <p><b>8 Who We Are</b></p> <p> Who we are</p> <p> People who make informed decisions about their health possess behaviors that can contribute to the prevention of illness.</p> <p> <ul style="list-style-type: none"> <li>• Illnesses and how they are spread.</li> <li>• Decisions about food and exercise affect our health.</li> <li>• Knowing about body systems helps us treat illnesses</li> </ul> </p> </div> <div style="border: 1px solid #ccc; padding: 5px;"> <p><b>6 Sharing the Planet</b></p> <p> Sharing the planet</p> <p> Mimicry of animal and plant adaptation and design helps create technology that may lead to scientific progress.</p> <p> <ul style="list-style-type: none"> <li>• Biomimicry</li> <li>• Plant and animal adaptations</li> <li>• How observations of plant and animal adaptations helps people to make progress.</li> </ul> </p> </div>	<div style="border: 1px solid #ccc; padding: 5px;"> <p><b>8 Who We Are</b></p> <p> Who we are</p> <p> People who make informed decisions about their health possess behaviors that can contribute to the prevention of illness.</p> <p> <ul style="list-style-type: none"> <li>• Illnesses and how they are spread.</li> <li>• Decisions about food and exercise affect our health.</li> <li>• Knowing about body systems helps us treat illnesses</li> </ul> </p> </div>	<div style="border: 1px solid #ccc; padding: 5px;"> <p><b>8 How We Express Ourselves</b></p> <p> How we express ourselves</p> <p> People can communicate personal experiences through the arts (e.g. literature, music writing, visual and performing arts) to convey their ideas and feelings.</p> <p> <ul style="list-style-type: none"> <li>• Characteristics of the arts.</li> <li>• Art communicates ideas and feelings.</li> <li>• Making personal connections through the arts.</li> </ul> </p> </div>	
11 weeks	22 weeks	8 weeks	8 weeks	

## Grade 2 – Primary Years

Social Studies Social Studies	Science Science	Arts Dance	Arts Music
<div style="background-color: #D9E1F2; padding: 5px; margin-bottom: 10px;"><b>4 How We Organize Ourselves</b></div> <div style="margin-bottom: 10px;">  How we organize ourselves         </div> <div style="margin-bottom: 10px;">  Societies make decisions that affect how people live. (Societies make decisions and agreements that affect daily lives.)         </div> <div>  <ul style="list-style-type: none"> <li>• Making agreements</li> <li>• Our responsibility for ensuring justice</li> <li>• Legal systems</li> </ul> </div>	<div style="background-color: #D9E1F2; padding: 5px; margin-bottom: 10px;"><b>5 How the World Works</b></div> <div style="margin-bottom: 10px;">  How the world works         </div> <div style="margin-bottom: 10px;">  Animals, insects and plants have formed a complex relationship in natural systems.         </div> <div>  <ul style="list-style-type: none"> <li>• There are many different kinds of living things in different types of environments</li> <li>• The interdependence between plants and animals</li> <li>• The effect of the relationship between plants and animals on agriculture</li> </ul> </div>	<div style="background-color: #D9E1F2; padding: 5px; margin-bottom: 10px;"><b>5 How We Express Ourselves</b></div> <div style="margin-bottom: 10px;">  How we express ourselves         </div> <div style="margin-bottom: 10px;">  Movement and rhythm portray mood.         </div> <div>  <ul style="list-style-type: none"> <li>• How we determine mood.</li> <li>• How mood affects movement.</li> <li>• How mood can be portrayed through dance.</li> </ul> </div>	<div style="background-color: #D9E1F2; padding: 5px; margin-bottom: 10px;"><b>5 How We Express Ourselves</b></div> <div style="margin-bottom: 10px;">  How we express ourselves         </div> <div style="margin-bottom: 10px;">  Movement and rhythm portray mood.         </div> <div>  <ul style="list-style-type: none"> <li>• How we determine mood.</li> <li>• How mood affects movement.</li> <li>• How mood can be portrayed through dance.</li> </ul> </div>
<div style="background-color: #D9E1F2; padding: 5px; margin-bottom: 10px;"><b>8 Where We Are in Place and Time</b></div> <div style="margin-bottom: 10px;">  Where we are in place and time         </div> <div style="margin-bottom: 10px;">  Location and circumstance may shape family decisions.         </div> <div>  <ul style="list-style-type: none"> <li>• The definition of a family.</li> <li>• The location of family origins.</li> <li>• Circumstances that may cause families to move.</li> <li>• How family culture may be influenced by movement.</li> </ul> </div>	<div style="background-color: #D9E1F2; padding: 5px; margin-bottom: 10px;"><b>6 Sharing the Planet</b></div> <div style="margin-bottom: 10px;">  Sharing the planet         </div> <div style="margin-bottom: 10px;">  Managing agriculture provides a monetary benefit as its products move to the market place.         </div> <div>  <ul style="list-style-type: none"> <li>• Farming/agriculture</li> <li>• How agriculture products increase and decrease in value.</li> <li>• The marketplace</li> </ul> </div>		
<div style="background-color: #D9E1F2; padding: 5px; margin-bottom: 10px;"><b>8 Who We Are</b></div> <div style="margin-bottom: 10px;">  Who we are         </div> <div style="margin-bottom: 10px;">  Social advocacy stems from a sense of responsibility for others and can lead to creating an enduring legacy.         </div> <div>  <ul style="list-style-type: none"> <li>• Responsibility people have towards others.</li> <li>• Reasons for social advocacy.</li> <li>• How legacies change our lives.</li> </ul> </div>			
<div style="background-color: #D9E1F2; padding: 5px; margin-bottom: 10px;"><b>6 Sharing the Planet</b></div> <div style="margin-bottom: 10px;">  Sharing the planet         </div> <div style="margin-bottom: 10px;">  Managing agriculture provides a monetary benefit as its products move to the market place.         </div> <div>  <ul style="list-style-type: none"> <li>• Farming/agriculture</li> <li>• How agriculture products</li> </ul> </div>			

## Grade 2 – Primary Years

Social Studies Social Studies	Science Science	Arts Dance	Arts Music	
<p>increase and decrease in value.</p> <ul style="list-style-type: none"> <li>• The marketplace</li> </ul>				
26 weeks	11 weeks	5 weeks	5 weeks	

## Grade 3 – Primary Years

Language English	Social Studies Social Studies	Science Science		
<div style="background-color: #e0e0e0; padding: 5px; margin-bottom: 10px;"><b>6 Where We Are in Place and Time</b></div> <ul style="list-style-type: none"> <li> Where we are in place and time</li> <li> Location, climate and access to resources affect a community.</li> <li> <ul style="list-style-type: none"> <li>• How climate is influenced by geography.</li> <li>• Interaction between land features and human activity.</li> <li>• Reducing the impact of weather hazards for protection</li> </ul> </li> </ul> <div style="background-color: #e0e0e0; padding: 5px; margin-bottom: 10px;"><b>6 How We Express Ourselves</b></div> <ul style="list-style-type: none"> <li> How we express ourselves</li> <li> Exposure to new perspectives may challenge our beliefs and ideas.</li> <li> <ul style="list-style-type: none"> <li>• The role of media</li> <li>• How perspectives change</li> <li>• How we form/develop our beliefs and ideas.</li> </ul> </li> </ul>	<div style="background-color: #e0e0e0; padding: 5px; margin-bottom: 10px;"><b>8 Who We Are</b></div> <ul style="list-style-type: none"> <li> Who we are</li> <li> Our traits, choices, and experiences contribute to our identity.</li> <li> <ul style="list-style-type: none"> <li>• The role of heredity.</li> <li>• How choice is influenced by experience.</li> <li>• Our uniqueness and how we present ourselves.</li> </ul> </li> </ul> <div style="background-color: #e0e0e0; padding: 5px; margin-bottom: 10px;"><b>6 Where We Are in Place and Time</b></div> <ul style="list-style-type: none"> <li> Where we are in place and time</li> <li> Location, climate and access to resources affect a community.</li> <li> <ul style="list-style-type: none"> <li>• How climate is influenced by geography.</li> <li>• Interaction between land features and human activity.</li> <li>• Reducing the impact of weather hazards for protection</li> </ul> </li> </ul> <div style="background-color: #e0e0e0; padding: 5px; margin-bottom: 10px;"><b>5 How We Organize Ourselves</b></div> <ul style="list-style-type: none"> <li> How we organize ourselves</li> <li> Systems are necessary to organize our lives.</li> <li> <ul style="list-style-type: none"> <li>• Local, state and federal government systems.</li> <li>• How people contribute and</li> </ul> </li> </ul>	<div style="background-color: #e0e0e0; padding: 5px; margin-bottom: 10px;"><b>8 Who We Are</b></div> <ul style="list-style-type: none"> <li> Who we are</li> <li> Our traits, choices, and experiences contribute to our identity.</li> <li> <ul style="list-style-type: none"> <li>• The role of heredity.</li> <li>• How choice is influenced by experience.</li> <li>• Our uniqueness and how we present ourselves.</li> </ul> </li> </ul> <div style="background-color: #e0e0e0; padding: 5px; margin-bottom: 10px;"><b>6 Where We Are in Place and Time</b></div> <ul style="list-style-type: none"> <li> Where we are in place and time</li> <li> Location, climate and access to resources affect a community.</li> <li> <ul style="list-style-type: none"> <li>• How climate is influenced by geography.</li> <li>• Interaction between land features and human activity.</li> <li>• Reducing the impact of weather hazards for protection</li> </ul> </li> </ul> <div style="background-color: #e0e0e0; padding: 5px; margin-bottom: 10px;"><b>7 How the World Works</b></div> <ul style="list-style-type: none"> <li> How the world works</li> <li> Understanding of forces and interactions can lead to innovations.</li> <li> <ul style="list-style-type: none"> <li>• Consequences of scientific discoveries and the innovation</li> </ul> </li> </ul>		

## Grade 3 – Primary Years

Language English	Social Studies Social Studies	Science Science		
	<p>have a voice in their community</p> <ul style="list-style-type: none"> <li>• How economies work</li> </ul> <p><b>6 Sharing the Planet</b></p> <ul style="list-style-type: none"> <li> Sharing the planet</li> <li> Changes in ecosystems impact the survival of living things.</li> <li> <ul style="list-style-type: none"> <li>• Ways that environmental change occurs.</li> <li>• The relationship between survival and adaptation.</li> <li>• The impact on organisms when natural environments change.</li> </ul> </li> </ul>	<p>that results</p> <ul style="list-style-type: none"> <li>• How things move</li> <li>• Forces and interactions</li> </ul> <p><b>6 Sharing the Planet</b></p> <ul style="list-style-type: none"> <li> Sharing the planet</li> <li> Changes in ecosystems impact the survival of living things.</li> <li> <ul style="list-style-type: none"> <li>• Ways that environmental change occurs.</li> <li>• The relationship between survival and adaptation.</li> <li>• The impact on organisms when natural environments change.</li> </ul> </li> </ul>		
12 weeks	25 weeks	27 weeks		

## Grade 4 – Primary Years

Language English	Social Studies Social Studies	Science Science	PSPE Physical Education	
<p><b>7 How We Express Ourselves</b></p> <ul style="list-style-type: none"> <li> How we express ourselves</li> <li> Books and texts educate, entertain, and give voice to your imagination.</li> <li> <ul style="list-style-type: none"> <li>• How inspiration influences writing</li> <li>• Imagination in literature.</li> <li>• The art of storytelling.</li> </ul> </li> </ul> <p><b>8 How We Organize Ourselves</b></p> <ul style="list-style-type: none"> <li> How we organize ourselves</li> <li> Settlements grow when systems are created and resources meet the needs of the people.</li> <li> <ul style="list-style-type: none"> <li>• The creation of systems (function)</li> </ul> </li> </ul>	<p><b>8 How We Organize Ourselves</b></p> <ul style="list-style-type: none"> <li> How we organize ourselves</li> <li> Settlements grow when systems are created and resources meet the needs of the people.</li> <li> <ul style="list-style-type: none"> <li>• The creation of systems (function)</li> <li>• Development and growth of settlements (change)</li> <li>• Impact of resources on settlements (connection)</li> </ul> </li> </ul> <p><b>7 Where We Are in Place and Time</b></p> <ul style="list-style-type: none"> <li> Where we are in place and time</li> <li> Human migration is a reaction to different challenges, circumstances and situations.</li> </ul>	<p><b>8 Who We Are</b></p> <ul style="list-style-type: none"> <li> Who we are</li> <li> Perception affects our relationships and empathy towards others.</li> <li> <ul style="list-style-type: none"> <li>• How the brain processes information and influences perception</li> <li>• How people learn about themselves and their relationships.</li> <li>• Empathy and its effect on self and relationships.</li> </ul> </li> </ul> <p><b>6 How the World Works</b></p> <ul style="list-style-type: none"> <li> How the world works</li> <li> Natural phenomena changes our communities and influences the</li> </ul>	<p><b>8 Who We Are</b></p> <ul style="list-style-type: none"> <li> Who we are</li> <li> Perception affects our relationships and empathy towards others.</li> <li> <ul style="list-style-type: none"> <li>• How the brain processes information and influences perception</li> <li>• How people learn about themselves and their relationships.</li> <li>• Empathy and its effect on self and relationships.</li> </ul> </li> </ul>	

## Grade 4 – Primary Years













Language English	Social Studies Social Studies	Science Science	PSPE Physical Education	
<ul style="list-style-type: none"> <li>Development and growth of settlements (change)</li> <li>Impact of resources on settlements (connection)</li> </ul>	<ul style="list-style-type: none"> <li>The motivation for people to migrate to new places.</li> <li>Migration throughout history.</li> <li>The effects of migration on individuals and societies</li> </ul>	<p>way people prepare for and respond to these events.</p> <ul style="list-style-type: none"> <li>Different natural phenomena, their frequency of occurrence, and location.</li> <li>How natural phenomena affects communities.</li> <li>Safety preparation and responses to natural phenomena.</li> </ul> <p><b>6 Sharing the Planet</b></p> <ul style="list-style-type: none"> <li> Sharing the planet</li> <li> Knowledge and management of energy affects its availability.</li> <li> <ul style="list-style-type: none"> <li>How energy is defined, transferred and stored.</li> <li>Conversion and consumption of energy.</li> <li>Safety considerations in the use of energy.</li> </ul> </li> </ul>		
15 weeks	15 weeks	20 weeks	8 weeks	







## Grade 5 – Primary Years

Social Studies Social Studies	Science Science	PSPE Physical Education	Arts Visual Arts	Arts Dance
<p><b>8 Sharing the Planet</b></p> <ul style="list-style-type: none"> <li> Sharing the planet</li> <li> Management of resources and their conservation may better ensure access.</li> <li> <ul style="list-style-type: none"> <li>Equity and access to Earth's resources.</li> <li>Limited resources may result in conflict</li> <li>Management of resources.</li> </ul> </li> </ul> <p><b>6 How We Organize Ourselves</b></p>	<p><b>8 Sharing the Planet</b></p> <ul style="list-style-type: none"> <li> Sharing the planet</li> <li> Management of resources and their conservation may better ensure access.</li> <li> <ul style="list-style-type: none"> <li>Equity and access to Earth's resources.</li> <li>Limited resources may result in conflict</li> <li>Management of resources.</li> </ul> </li> </ul> <p><b>10 Where We Are in Place and Time</b></p>	<p><b>4 Who We Are</b></p> <ul style="list-style-type: none"> <li> Who we are</li> <li> Change is inevitable, yet reaction to change determines the outcome</li> <li> <ul style="list-style-type: none"> <li>Individual response to change</li> <li>How people/groups bring about change</li> <li>Consequences of action and inaction</li> </ul> </li> </ul>	<p><b>8 Exhibition - How We Express Ourselves</b></p> <ul style="list-style-type: none"> <li> How we express ourselves</li> <li> Encouraging people to express themselves through the arts can lead to awareness, action, and understanding.</li> <li> <ul style="list-style-type: none"> <li>Funding for the Arts- An inquiry into access to the arts for children</li> <li>Animal Rights- An inquiry into how videos can change how people treat animals.</li> </ul> </li> </ul>	<p><b>8 Exhibition - How We Express Ourselves</b></p> <ul style="list-style-type: none"> <li> How we express ourselves</li> <li> Encouraging people to express themselves through the arts can lead to awareness, action, and understanding.</li> <li> <ul style="list-style-type: none"> <li>Funding for the Arts- An inquiry into access to the arts for children</li> <li>Animal Rights- An inquiry into how videos can change how people treat animals.</li> </ul> </li> </ul>



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<p> How we organize ourselves</p> <p> Without structure systems may collapse.</p> <p> • Types of Structure (physical, government, natural, etc.)</p> <ul style="list-style-type: none"> <li>• Structure and efficiency</li> <li>• The influence of structure on systems</li> </ul> <p><b>10 Where We Are in Place and Time</b></p> <p> Where we are in place and time</p> <p> Exploration leads to discovery and new understandings.</p> <p> • The motivation and reasons for exploration</p> <ul style="list-style-type: none"> <li>• Positive and negative consequences that result from exploration</li> <li>• Technological advances that make exploration possible</li> </ul>	<p> Where we are in place and time</p> <p> Exploration leads to discovery and new understandings.</p> <p> • The motivation and reasons for exploration</p> <ul style="list-style-type: none"> <li>• Positive and negative consequences that result from exploration</li> <li>• Technological advances that make exploration possible</li> </ul> <p><b>6 How the World Works</b></p> <p> How the world works</p> <p> Experimentation in changes in matter may lead to transformation.</p> <p> • Properties of matter</p> <ul style="list-style-type: none"> <li>• Transformations in chemistry</li> <li>• The consequences of experimentation</li> </ul>		<ul style="list-style-type: none"> <li>• Freedom of Speech - An inquiry into the ability of individuals to express themselves freely and without being harmed.</li> <li>• Border Walls - An inquiry into how media influences people's opinions about border walls.</li> <li>• Culture and Food - An inquiry into how people express themselves and their culture through cuisine.</li> <li>• Refugees - An inquiry into using visual arts to help other understand the lives of refugees.</li> <li>• Extinction - An inquiry into how people use the arts to communicate the need to protect animals from extinction</li> <li>• Cyber Bullying -An inquiry into the relationship between cyberbullying and social media</li> <li>• Art in School/Creativity - An inquiry into the impact of visual and performing arts in schools.</li> <li>• Graffiti- An inquiry into graffiti as a form of art</li> <li>• Human Rights/Equality - An inquiry into how human rights and equality issues are communicated.</li> <li>• Depression/Mental Health - An inquiry into how expressing feelings through art impacts mental health</li> <li>• Perception/What is Art? - An inquiry into self expression through beauty and fashion</li> <li>• Music Therapy - An inquiry into how music therapy can affect people's lives.</li> <li>• Conservation-An inquiry into how photojournalism inspires people to think about habitats.</li> </ul>	<ul style="list-style-type: none"> <li>• Freedom of Speech - An inquiry into the ability of individuals to express themselves freely and without being harmed.</li> <li>• Border Walls - An inquiry into how media influences people's opinions about border walls.</li> <li>• Culture and Food - An inquiry into how people express themselves and their culture through cuisine.</li> <li>• Refugees - An inquiry into using visual arts to help other understand the lives of refugees.</li> <li>• Extinction - An inquiry into how people use the arts to communicate the need to protect animals from extinction</li> <li>• Cyber Bullying -An inquiry into the relationship between cyberbullying and social media</li> <li>• Art in School/Creativity - An inquiry into the impact of visual and performing arts in schools.</li> <li>• Graffiti- An inquiry into graffiti as a form of art</li> <li>• Human Rights/Equality - An inquiry into how human rights and equality issues are communicated.</li> <li>• Depression/Mental Health - An inquiry into how expressing feelings through art impacts mental health</li> <li>• Perception/What is Art? - An inquiry into self expression through beauty and fashion</li> <li>• Music Therapy - An inquiry into how music therapy can affect people's lives.</li> <li>• Conservation-An inquiry into how photojournalism inspires people to think about habitats.</li> </ul>
24 weeks	24 weeks	4 weeks	8 weeks	8 weeks

Arts Drama	Arts Music			
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8 weeks	8 weeks			