

TMSE Program of Inquiry-2012

Grade/Year	Sharing the planet	How we express ourselves	Where we are in place and time	How we organize ourselves	How the world works	Who we are
first	<p>Earth's form is changing</p> <ul style="list-style-type: none"> • identify physical features of earth • describe earth's surface • determine ways to conserve earth's resources 	<p>Art expresses understanding</p> <ul style="list-style-type: none"> • types of weather and instruments • day and night skies • artistic expression 	<p>Understanding changes in civilization</p> <ul style="list-style-type: none"> • transportation • technology • apparel • recreation 	<p>Community members have responsibilities</p> <ul style="list-style-type: none"> • volunteers • civic duties • leadership roles 	<p>Living things adapt</p> <ul style="list-style-type: none"> • classification of living things • life cycles • habitats 	<p>Relationships contribute to society</p> <ul style="list-style-type: none"> • relationships defined • origins of perspective • primary sources
second	<p>Natural resources are affected by people and environment</p> <ul style="list-style-type: none"> • weather affects humans • humans affect environment • how earth meets our needs 	<p>Traditions reflect ethnic diversity</p> <ul style="list-style-type: none"> • celebrations in U.S. And beyond • different perspectives through culture • immigration 	<p>History affects our daily lives</p> <ul style="list-style-type: none"> • current events • historical figures • modern day living vs past 	<p>Geography affects community</p> <ul style="list-style-type: none"> • geological features of earth • societal implications • regional physical features 	<p>Matter and forces affect choices</p> <ul style="list-style-type: none"> • states of matter • forces in nature • machines 	<p>Symbols, citizens and leaders</p> <ul style="list-style-type: none"> • community • symbols • rights and responsibilities • leaders
third	<p>Earth provides natural resources</p> <ul style="list-style-type: none"> • rock cycle • responsibility for earth's resources • identify rocks and minerals 	<p>Knowledge is expressed in various ways</p> <ul style="list-style-type: none"> • writing process • conceptual expression • unique expression 	<p>Geography influences human settlement</p> <ul style="list-style-type: none"> • describe geographical features • reasons for settlement • causes for changes in settlements • map features 	<p>Systems affect markets</p> <ul style="list-style-type: none"> • how economy works • economic success • choices affect an economy 	<p>Materials' properties affect their value</p> <ul style="list-style-type: none"> • chemical/physical properties • chemical/physical changes • Scientific method • chemical uses in daily life 	<p>Culture is divers</p> <ul style="list-style-type: none"> • perspectives vary in people • culture • social interaction
fourth	<p>Living things exist in a natural world</p> <ul style="list-style-type: none"> • geography shapes political 	<p>Energy is an essential resource</p> <ul style="list-style-type: none"> • light and sound sources • light in daily 	<p>Cultural development is common to humanity</p> <ul style="list-style-type: none"> • human interaction leads to 	<p>Schema helps people understand the world</p> <ul style="list-style-type: none"> • Ecosystems • Food chain 	<p>Economics brings people together</p> <ul style="list-style-type: none"> • culture affects politics • physical 	<p>Conflict causes change</p> <ul style="list-style-type: none"> • armed conflict • rights of man • politics affects

	<ul style="list-style-type: none"> development animals possess traits for survival plants play a role in lives of animals 	<ul style="list-style-type: none"> life hearing anatomy 	<ul style="list-style-type: none"> cultural evolution human migration prehistoric societies 	<ul style="list-style-type: none"> balancing ecosystems 	<ul style="list-style-type: none"> environments cause change groups affect changes in perspective 	<ul style="list-style-type: none"> culture
fifth	<p>Living things struggle to coexist</p> <ul style="list-style-type: none"> differing perspectives within a country can lead to civil war coexisting after conflict needs for resolution 	<p>Personal relations vary</p> <ul style="list-style-type: none"> literary elements reader/text interaction speaker/audience interaction problem solving methods 	<p>Man explores to gain knowledge</p> <ul style="list-style-type: none"> exploration-results of /reasons for European exploration earth/space exploration tools students as explorers 	<p>Systems rely on relationships</p> <ul style="list-style-type: none"> founding a nation government types human body 	<p>People act or don't act in a changing world</p> <ul style="list-style-type: none"> EXHIBITION 	<p>Environment affects identity</p> <ul style="list-style-type: none"> American independence identity of country inanimate objects