

# ICS Fourth Grade Program of Inquiry 2019-2020

Fourth Grade	August 5-Sept 13	Sept 17-Nov 1	Nov 4-Dec 20	Jan 8-Feb 21	Feb 24-April 3	April 13-May 21
	How we organize ourselves	Sharing the planet	How the world works	Where we are in time and place	How we express ourselves	Who we are
Title	Lean On Me	Ch-ch-ch changes	Circle of Life	A Whole New World	Different Strokes for Different Folks	Man in the Mirror
Transdisciplinary Theme	An inquiry into the <b>interconnectedness of human-made systems and communities</b> ; the structure and <b>function of organizations</b> ; societal decision-making; economic activities and their impact on humankind and the environment	An inquiry into rights and responsibilities in <b>the struggle to share finite resources</b> with other people and with other living things; communities and the relationships within and between them; access to <b>equal opportunities</b> ; peace and conflict resolution.	An inquiry into the natural world and its laws; <b>the interaction between the natural world (physical and biological) and human societies</b> ; how humans use their understanding of scientific principles; the impact of scientific and technological advances on society and on the environment.	An inquiry into orientation in place and time; personal histories; homes and journeys; <b>the discoveries, explorations and migrations of humankind</b> ; the relationships between and the interconnectedness of individuals and civilizations, from <b>local and global perspectives</b> .	An inquiry into the ways in which we discover and <b>express ideas, feelings, nature, culture, beliefs and values</b> ; the ways in which we reflect on, extend and <b>enjoy our creativity</b> ; our appreciation of the aesthetic.	An inquiry into the <b>nature of the self</b> ; beliefs and values; personal, <b>physical, mental, social and spiritual health</b> ; human relationships including families, friends, communities, and cultures; rights and responsibilities; what it means to be human.
Central Idea	<b>Interdependence drives functionality</b> (Parts that function create a whole that functions)	<b>Change leads to movement</b>	<b>Connection &amp; adaptation allow systems to thrive</b>	<b>Explorations causes discovery</b>	<b>Considering perspectives transforms the way we live</b>	<b>recognizing cycles inform reflection.</b>
Key & Related Concepts	<b>function, interdependence</b>	<b>change, movement</b>	<b>connection, adaptation</b>	<b>causation, discovery</b>	<b>perspective, transformation</b>	<b>reflection, cycles</b>
Lines of Inquiry	An Inquiry into: *decision making as a responsibility ( <b>responsibility</b> ) *how tools help to make predictions and infer patterns ( <b>function</b> ) *interconnectedness can help foster global awareness ( <b>connection</b> )	An Inquiry into: *the relationship between balanced and unbalanced forces ( <b>connection</b> ) *how people can make changes in society ( <b>change</b> )	An Inquiry into: *interactions in the social and natural environments ( <b>responsibility</b> ) *features of and connections between components/organisms in systems ( <b>connection</b> ) *causes of change in ecosystems and cultures ( <b>change</b> )	An inquiry into: **the causes and effects of revolution ( <b>causation</b> ) *the use of scientific principles to investigate how things move ( <b>form</b> )	An inquiry into: differences in perspectives of individuals/groups on equal rights ( <b>perspectives</b> ) *causes, major events, and consequences of civil unrest ( <b>causation</b> ) *how changing the speed, strength or vibrations gives a better understanding of sound production ( <b>form</b> )	An inquiry into: *the impact of the environment on economic decisions ( <b>reflection</b> ) *how light can be used to communicate and produce reflection ( <b>reflection</b> )

Learner Profile	Principled	Reflective	Communicator	Knowledgeable	Caring	Risk-taker
Fourth Grade	August 5-Sept 13	Sept 17-Nov 1	Nov 4-Dec 20	Jan 8-Feb 21	Feb 24-April 3	April 13-May 21
Fourth Grade	How we organize ourselves	Sharing the planet	How the world works	Where we are in time and place	How we express ourselves	Who we are
<b>GA Standards of Excellence:</b> <u>Every Unit:</u> ELAGSE4RF 3,4 - Phonics/word analysis - Syllabication patterns/morphology - Reading fluency ELAGSE4SL1-6 - Collaborative discussions - Paraphrasing - Identify reasons and evidence from a speaker - Tell a story/recount - Reporting - Add audio recording & visual displays to presentations - Formal English vs informal discourse ELAGSE4RL/RI 10 - Read & comprehend a range of texts/text complexity ELAGSE4W7-9 - Research project - Recall/gather information from sources	SS4G1a,b -physical features  SS4E2 -personal budget  S4E4 a.b.c.d - Weather patterns - Clouds -Weather vs Climate  ELAGSE4RL1,2,3 -explicit & inferential information -theme -story elements  ELAGSE4R7 -making connections -similarities & differences	SS4H1 a.b.c.d. - American Revolution  SS4G1a - Physical features  SS4G2b - How physical systems affect human SSE41 e. -Economic activity (trade between U.S & europe)  S4P3 -Balanced & unbalanced forces  ELAGSE4RI1,2,4,5,8 -textual evidence & inference -main idea & details -domain specific academic vocab. -non-fiction text structures (Cause and Effect) -compare & contrast first & second hand account -supporting reasons	SS4CG1 a, b,c,d --Declaration of Independence -Preamble - Federal system of government - Representative democracy/republic SS4CG2 - First Amendment SS4H2 - Articles of Confederation - Constitutional Convention S4L1 - Role of organisms - Ecosystems -flow of energy model  ELAGSE4RL5,6,7,9 -meaning of words relevant to fantasy -characteristics of different genres, -compare & contrast different points of view, first & third person narration, similar themes	SS4H3 - War of 1812 - Westward expansion - Territorial expansion SS4G2 b -territorial expansion SS4E1 -Opportunity cost & decision making S4E1 - Stars, and Planets S4E2 - Moon  ELAGSE4RI6,7,9 -compare & contrast first & second hand account -how text features help readers understand text -synthesize information from two texts on the same topic	SS4H5 - Civil War SS4H4 - Abolitionist and Suffragist movements SS4E1b,c -effect of price incentives on decisions -Specialization S4P2 -Sound  ELAGSE4RL1,2,3,9 -explicit & inferential information -theme -story elements compare & contrast themes ELAGSE4RI1,2,4, -textual evidence & inference -main idea & details -domain specific academic vocab. -compare & contrast first & second hand account	SS4H6 - Reconstruction  SS4E1 - Technological advancements  S4E3 - Water Cycle  S4P1 - Light  ELAGSE4RL10/RI10 -read increasing challenging texts  -read for pleasure -review reading habits
<b>Assessment Tasks</b>	Interdependence driven by functionality creative visuals	Movement caused by Change Performances	Thriving New Nation Living Museum	Discovery Exposition	They All Saw A War (a look at different perspectives from the Civil War)	Self-Reflection Essay

<b>Writing Units Post Assessment dates</b>	The Arc of Story: Writing Realistic Fiction <b>Sept 30</b>	Boxes and Bullets: Personal and Persuasive Essays <b>Dec 19</b>	Bringing History to Life <b>Feb 28</b>	The Literary Essay: Writing About Fiction <b>May 15</b>
--	---	--	---	--

<b>Eureka Math Modules &amp; Assessment dates</b>	M1: Place Value, Rounding and Algori for Add. Sub. <b>Sept 9</b>	M2: Unit Conversions <b>Sept 18</b>	M3: Multi-Digit Mult. & Div. <b>Nov 22</b>	M4: Angle Measure and plane figures <b>Jan 13</b>	M5: Fractions Equivalence, Ordering & Operations <b>Mar 20</b>	M6: Decimal Fractions <b>April 23</b>	M7: Exploring Measurement with Mult.
---	--	--	---	--	---	--	--------------------------------------

							<b>May 20</b>
<b>Field Trips</b>	<b>Field Trips</b>	The Whys of Weather (Fernbank) The Weather Channel or CNN	The Children's Museum of Atlanta	Georgia Aquarium	Perfect Little Planet (Fernbank)	Center for Civil and Human Rights Carter Center	The Fox Theatre