

Amarillo ISD GT Curriculum Scopes & Sequence
 Overarching Theme: *Exploration*

<p>FOURTH GRADE Theme: <i>Investigations</i></p>
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AFFECTIVE	CREATIVE THINKING & PROBLEM SOLVING	CRITICAL THINKING
<p>Strive toward independence through brainstorming, risk taking, and/or defending one's own ideas.</p> <p>Investigate and discuss complex issues in a small group setting.</p>	<p>Create an original innovation by synthesizing two or more existing inventions or ideas to increase usefulness and interest.</p> <p>Compare and contrast two or more original problem solutions and weigh which might produce the better results.</p> <p>Choose everyday problems or needs and generate questions to investigate the related facts, then formulate possible solutions.</p>	<p>Consider information from a minimum of three sources including personal experiences to formulate new ideas.</p> <p>Validate ideas to arrive at conclusions or predictions based on investigation and analysis of data.</p> <p>Demonstrate knowledge of critical attributes across disciplines.</p>

RESEARCH	
<i>Student Expectations</i>	<i>Resources and Skills</i>
<p>Examine and use various sources of data across disciplines. Compare and contrast data gathered from primary and secondary sources. Choose a minimum of one topic for independent study.</p> <p>Utilize:</p> <ul style="list-style-type: none"> • biographical • historical • descriptive • self-designed research sources 	<ul style="list-style-type: none"> • non-fiction books • independent utilization of search engines on the internet • thesaurus • atlas • independent interview design • simple independent bibliographies • outlining with assistance • survey development • graphs

PRODUCTS & PERFORMANCES		
<i>Development</i>	<i>Presentation</i>	<i>Products</i>
<p>Formulate four or more complex products addressing all four core content areas that involve:</p> <ul style="list-style-type: none"> • student choices • rubrics with student input • evaluation (including self-evaluation) • revision 	<p>Demonstrate advanced vocabulary, technology, and/or visuals to present information or ideas to designated audiences.</p>	<p>Advertisement*, brochure*, children's story book*, collection with narrative, experiment, graphic organizers and mapping*, invention, mobile, mural, panel discussion, poem*, rebus story*, recipe*, TV newscast</p> <p align="center"><i>Choose four Products from the list.</i></p> <div style="border: 1px dashed black; padding: 5px; margin-top: 10px;"> <p>A combination of developed products over time should reflect the four content areas as appropriate. *Indicates products that can be accomplished using or integrating technology.</p> </div>