

TCGIS Family Overview Map

Core Subjects, 8th grade



The following are general topic areas and intended timelines for instruction.
 The topics listed are only samples, not a complete listing. Topics listed may occur earlier or later than indicated.

Month	German Humanities	English Humanities	Spanish / Support German	Math	Nawi
September	Short stories (utopia & personal stories) <ul style="list-style-type: none"> Determine central ideas or themes of a text and analyze their development Summarize the key supporting details and ideas 	Narrative Writing <ul style="list-style-type: none"> Writing process: brainstorming, drafting, revising, editing, incorporating feedback from peers Learn about narrative techniques and development of plot, character, setting, etc. Produce a short story 	Spanish: <ul style="list-style-type: none"> Describe, photo, scene and your home Targeted structures: este es, esta es, dice, hay Culture: <ul style="list-style-type: none"> Hispanic Heritage Month (read about notable figures) Support German: Friends <ul style="list-style-type: none"> Repetition vocabulary friends (focus on correct gender & spelling) Speaking about what you like to do with your friends and what is important for friendship 	Tools of Algebra <ul style="list-style-type: none"> Using Variables Exponents Exploring Real Numbers Graphing Data Solving Equations <ul style="list-style-type: none"> Solving Equations Equations and Problem Solving 	Matter <ul style="list-style-type: none"> <i>Differentiate</i> between a mixture and pure substances (e.g. metals) <i>Differentiate</i> between physical and chemical changes (e.g. salt formation)
October	Geography: Geopolitics - Southwest Asia and North Africa, & Europe's role in the global economy <ul style="list-style-type: none"> Describe how the distribution and development of oil and water resources influence the economy and societies of Southwest Asia and North Africa Describe the role of Europe in the global economy today 	ELA Conventions and History Day <ul style="list-style-type: none"> Comma usage Begin conducting independent research from a variety of print and digital sources that represent varying perspectives Evaluate credibility and relevance of information 	Spanish: <ul style="list-style-type: none"> Targeted structures: ir (to go) present tense describe where you or someone is going; describe directions and destinations Culture: <ul style="list-style-type: none"> Short story: "El silbón" a Columbian/ Venezuelan legend Support German: Continuation & finishing Friends <ul style="list-style-type: none"> Built complex sentences correctly (inversion) 	Solving Inequalities <ul style="list-style-type: none"> Solving Inequalities Compound Inequalities Absolute Value Equations 	The Universe <ul style="list-style-type: none"> <i>Compare</i> and contrast the sizes, locations, and compositions of the planets and moons in our solar system <i>Explain</i> the role gravity and inertia in the movement of celestial bodies

			<ul style="list-style-type: none"> Use splittable verbs and the modal verb können correctly Learn about differences in friendships in Germany and the US 		
November	History: World War 2 (repetition) & Holocaust (the persecution of minorities) <ul style="list-style-type: none"> Outline the causes and conduct of World War II including the nations involved, major political and military figures and key battles, and the Holocaust 	Intro to Geography, Maps and continue with History Day <ul style="list-style-type: none"> Mapping data, TODALSS Learn about the five themes of geography Learn about and create different types of maps Continue conducting independent research from a variety of print and digital sources that represent varying perspectives Evaluate credibility and relevance of information 	Spanish: <ul style="list-style-type: none"> Targeted structures: 3rd person voice using - está triste come; llora; tiene hambre Discussing food and eating Expressing emotions Support German: Shopping <ul style="list-style-type: none"> Repetition vocabulary city & shopping Speaking about what you would like to have / buy? Giving directions correctly 	Solving and Applying Proportions <ul style="list-style-type: none"> Ratio and Proportions Applying Ratios and Probabilities 	Continuation The Universe <ul style="list-style-type: none"> <i>Explain</i> daylength and the phases of the moon based on the movement of the earth around the sun <i>Analyze</i> how new telescopes have provided new information about the universe
December	Critical perspectives on media and appellative texts <ul style="list-style-type: none"> Integrate and evaluate information presented in diverse media and formats, including visually, quantitatively, and orally Critically analyze information found in electronic, print, and mass media and use a variety of these sources 	The Giver <ul style="list-style-type: none"> Comprehend and analyze a fictional work Use works of fiction as a jumping off point to discuss real world issues Listen, evaluate, and respond to other students in class discussions Continue conducting independent research from a variety of print and digital sources that represent varying perspectives Evaluate credibility and relevance of information 	Spanish <ul style="list-style-type: none"> Targeted structures: no conoce a nadie; agarra la mano; sale de conocer vs. saber (to forms of "to know") asking and answering questions Culture: <ul style="list-style-type: none"> Dating customs Support German: Continuation & finishing Shopping <ul style="list-style-type: none"> Talk to a salesperson / cashier and ask for help (capstone preparation) Comparing German & US downtowns Use indefinite articles, personal and possessive pronouns that require the accusative and the polite form ("Sie") correctly 	Graphs & Functions <ul style="list-style-type: none"> Relations and Functions Function Rules Direct Variation Describing Number Patterns 	Structures and processes of the earth <ul style="list-style-type: none"> <i>Correlate</i> major geological events to the movement of tectonic plates in the top layer of the earth <i>Explain</i> how landforms result from the processes of crustal deformation, volcanic eruptions, weathering, erosion and deposition of sediment and glacial activity
January	Debating about current topics of our life <ul style="list-style-type: none"> Evaluate a speaker's point of view, reasoning, and use of evidence and 	The Giver <ul style="list-style-type: none"> Comprehend and analyze a fictional work 	Spanish: <ul style="list-style-type: none"> Targeted structures: lo que hace, debe expressing opinions Culture:	Linear Equations and Their Graphs <ul style="list-style-type: none"> Slope Intercept Form Standard Form Point-Slope Form and 	Rocks <ul style="list-style-type: none"> <i>Analyse</i> layers of sedimentary rock <i>Classify</i> and identify rocks and minerals, analyse

	rhetoric	<ul style="list-style-type: none"> Use works of fiction as a jumping off point to discuss real world issues Creating a written response to a literary text Integrate factual information to convey understanding about a topic Develop a topic with credible relevant, well-chosen facts, definitions, concrete details, and quotations 	<ul style="list-style-type: none"> Children's rights Differences in policies between countries. <p>Support German: Animals & Pets</p> <ul style="list-style-type: none"> Repetition vocabulary animals & pets Describe your favorite animal / animal at home 	<p>Writing Linear Equations</p> <ul style="list-style-type: none"> Graphing Absolute Value Equations 	<p>their composition and relate it to their condition of formation</p>
February	<p>DSD I (A2 / B1 level) training for the 4 testing parts (writing, reading, listening and speaking) with focus on writing</p> <ul style="list-style-type: none"> Acquire and use accurately a range of general academic and domain-specific words and phrases sufficient for reading, writing, speaking, and listening at the college and career readiness level 	<p>Geography Unit: Asia</p> <ul style="list-style-type: none"> Describe physical and environmental features Describe the locations of human populations Learn about events in recent history that affect current populations and movement of peoples Integrate factual information to convey understanding about a topic 	<p>Spanish</p> <ul style="list-style-type: none"> Retelling a story using complex sentences. <p>Culture:</p> <ul style="list-style-type: none"> Selena (singer) biography Song of Selena " El chico del dept. #512 <p>Support German: Continuation Animals & Pets</p> <ul style="list-style-type: none"> Using be / have correctly in simple past Using the definite article correctly in dative 	<p>Systems of Equations and Inequalities</p> <ul style="list-style-type: none"> Solving Systems by Graphing; Substitutions & Elimination Linear Inequalities Systems of Linear Inequalities 	<p>Climate</p> <ul style="list-style-type: none"> <i>Determine</i> the importance of the role of oceans as climate regulators <i>Identify</i> and explain convection in the atmosphere and hydrosphere <i>Relate</i> weather to fronts and pressure systems
March	<p>Finishing up DSD I (A2 / B1 level) training for the 4 testing parts (writing, reading, listening and speaking) with focusing on speaking</p> <p>Written DSD I exams in the 2nd week of March</p> <p>Oral DSD I exam at the end of March / beginning of April</p>	<p>Public speaking</p> <ul style="list-style-type: none"> Use parts of speech and sentence structures to influence voice and style Use words, phrases, and sentence structure to express ideas precisely and concisely, recognizing and eliminating wordiness and redundancy Clarify the relationship among claims and evidence Revise and hone work based off of feedback received 	<p>Spanish:</p> <ul style="list-style-type: none"> Señor Wooly month Graphic novel from Señor Wooly Storytelling <p>Support German: Animals & Pets</p> <ul style="list-style-type: none"> Using locators that require the dative correctly Learn about the differences in holding pets in Germany and the US 	<p>Exponents and Exponential Functions</p> <ul style="list-style-type: none"> Scientific Notation Geometric Sequences Exponential Functions; Growth and Decay <p>Polynomials and Factoring</p> <ul style="list-style-type: none"> Adding and Subtracting Polynomials Multiplying and Factoring Multiplying Binomials & Special Cases 	<p>The human impact on climate</p> <ul style="list-style-type: none"> <i>Explain</i> why fossil fuels are non renewable <i>Describe</i> how natural processes and human systems interact
April	<p>History, Economics, Media & Human Rights - The time after World War 2, the Cold War and the modern times</p>	<p>Geography Unit: Africa</p> <ul style="list-style-type: none"> Describe physical and environmental features 	<p>Spanish:</p> <ul style="list-style-type: none"> Writing complex sentences to summarize Storytelling 	<p>Quadratic Equations and Functions</p> <ul style="list-style-type: none"> Exploring Quadratic Graphs 	<p>Continuation The human impact on climate</p>

	<p>(globalization)</p> <ul style="list-style-type: none"> Assess the state of human rights around the world (1948) Analyze connections between revolutions, independence movements & social transformations during the Cold War era Analyze the changing relations between the United States & other countries in the beginning of the twenty-first century 	<ul style="list-style-type: none"> Describe the locations of human populations Learn about events in recent history that affect current populations and movement of peoples 	<p>Culture:</p> <ul style="list-style-type: none"> Gauchos (ranchers) of Argentina Tango Argentina <p>Support German: Vacation and Traveling</p> <ul style="list-style-type: none"> Repetition vocabulary vacation, traveling, sightseeing weather & countries / nationalities Speaking about where would you like to travel / your dream vacation 	<ul style="list-style-type: none"> Quadratic Functions Solving Quadratic Functions Completing the Square Using the Quadratic Formula 	<ul style="list-style-type: none"> Describe the importance of the water cycle in the distribution of materials <p>Engineering</p> <ul style="list-style-type: none"> Describe examples of important contributions to the advancement of science, engineering and technology Analyse how these advances have influenced how people live, work and interact
May	<p>Continuation History, Economics, Media & Human Rights</p> <ul style="list-style-type: none"> Describe causes of economic imbalances & social inequalities among the world in the post-colonial world & efforts made to close those gaps Describe how new technologies have changed political, economic & social interactions Describe how groups are reviving & maintaining their traditional cultures, identities in the context of increasing globalization 	<p>Analyzing literature</p> <ul style="list-style-type: none"> Analyze the impact of specific word choices on meaning and tone, including analogies or allusions to other texts Analyze the structure of a paragraph in a text, including the role of given sentences in developing and refining a key concept. Evaluate how the differing structure of two or more literary texts with similar themes or topics contribute to their meaning and style. 	<p>Spanish:</p> <ul style="list-style-type: none"> Narrating travel experiences <p>Culture:</p> <ul style="list-style-type: none"> Undocumented immigration Movie: Una vida mejor (a better life) <p>Support German: Vacation and Traveling</p> <ul style="list-style-type: none"> Learn about the differences in vacation & traveling in Germany and the US Using prepositions that require the accusative correctly Use be / have in present perfect correctly 	<p>Radical Expressions and Equations</p> <ul style="list-style-type: none"> Simplifying Radicals The Pythagorean Theorem Operations With Radical Expressions Solving Radical Equations Trigonometric Ratios 	<p>Continuation Engineering</p> <ul style="list-style-type: none"> Evaluate the reasoning in arguments in which fact and opinion are intermingled by creating advertisement or news article Repetition of 6-8 NaWi curriculum and MCA prep
Capstone					
June	<p>Religion - The world religions</p> <ul style="list-style-type: none"> Describe varieties of religious beliefs and practices in the contemporary world including Shamanism/Animism, Hinduism, Buddhism, Judaism, Christianity and Islam 	<p>Wrap up of school year and reflection on Capstone trip</p>	<p>Spanish: Reflection essay on what students have learned about Hispanic cultures written in Spanish</p> <p>Support German: Finishing Vacation and Traveling</p> <ul style="list-style-type: none"> Reflecting on the students trip to Europe 	<p>Rational Expressions and Functions</p> <ul style="list-style-type: none"> Inverse Variations Graphing Rational Functions Solving Rational Equations Counting Methods and Permutations Combinations 	<p>NaWi of choice</p> <ul style="list-style-type: none"> Identify topics and questions of interest in relation to earth science Develop a procedure based on the scientific method to find answers to your questions

