

TCGIS Family Overview Map

Core Subjects, 7th 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	Reports and Documentations <ul style="list-style-type: none"> Read and comprehend complex literary and informational texts Ask and answer questions (W-Fragen) about the text Distinguish between a report and a documentation Write a report / documentation 	Westward expansion <ul style="list-style-type: none"> Close reading and annotation of texts Describe the processes that led to the territorial expansion of the United States, including the Louisiana Purchase and other land purchases, wars and treaties with foreign and indigenous nations, and annexation Learn about the distribution and political status of indigenous populations and describe how their status has evolved throughout the 19th and 20th centuries 	Spanish: <ul style="list-style-type: none"> Classroom Commands Introducing yourself and others Describe, photo, scene and your home Calendar and days Targeted structures: este es, esta es, dice, hay Culture: <ul style="list-style-type: none"> Hispanic Heritage Month (read about notable figures) Support German: My family <ul style="list-style-type: none"> Repetition vocabulary family Introducing yourself and your family members and where you are coming from correctly 	Unit 1: Stretching and Shrinking <ul style="list-style-type: none"> Analyze the effect of change of scale, translations and reflections on the attributes of two-dimensional figures 	Introduction to Science 7 Organisms, Life & Ecology <ul style="list-style-type: none"> Describe the relationships among organisms in an ecosystem Examine scientific questions and match them with appropriate methods of investigation, such as field studies, controlled experiments, etc.
October	Geography Europe, Asia & North Africa - Working with maps <ul style="list-style-type: none"> Describe the locations of human populations migration patterns, and the impact of aging population & other effects of demographic transition Describe how the physical and environmental features affect human activity and settlement Create and use various kinds of maps 	ELA Conventions and History Day <ul style="list-style-type: none"> Homophones and capitalization review Begin conducting independent research from a variety of print and digital sources that represent varying perspectives Evaluate credibility and relevance of information 	Spanish: Culture: <ul style="list-style-type: none"> Hispanic Heritage Month (read about notable figures) History, popularity and controversy of Bullfighting in Hispanic countries Describing what you like and don't like Targeted structures: corre, ve, camina, le gusta, nunca Support German: My Dream Job	Continuation & finishing Unit 1: Stretching and Shrinking Unit 2: Accentuate the Negative <ul style="list-style-type: none"> Read, write, represent and compare positive and negative rational numbers, expressed as integers, fractions and decimals 	Ecology &, Human Interactions with Ecosystems <ul style="list-style-type: none"> Examine relationship in an ecosystem: predator/prey, parasite/host and producer/ consumer/ decomposer Understand how energy is changed from one form to another in a food web within an ecosystem

	<ul style="list-style-type: none"> Incorporate the "TODALSS" map basics, as well as points, lines and colored areas to display spatial information 		<ul style="list-style-type: none"> Professions of family members & your dream job Conjugate (irregular) verbs in singular correctly 		
November	<p>History - World War 1 (Germany from 1910, Role of the United States); Types of governments</p> <ul style="list-style-type: none"> Describe the causes of the first world war (situation in Germany, the German Empire, imperialism, armament, etc.) Outline the outbreak of war and course (use of weapons, militarism, propaganda, participating states) Describe the main points of the contract of Versailles Describe the ideas of the Weimar Republic (as a form of government) 	<p>US Politics and Government</p> <ul style="list-style-type: none"> Describe the components of responsible citizenship Analyze how the Constitution and the Bill of Rights limits the government and the governed, protects individual rights, supports the principle of majority rule while protecting the rights of the minority, and promotes the general welfare Evaluate credibility and relevance of information 	<p>Spanish: Culture:</p> <ul style="list-style-type: none"> Día de los Muertos Describing , time, actions and processes using 3rd person Targeted structures: son las, abre, cierra, nunca, siempre <p>Support German: School life</p> <ul style="list-style-type: none"> Repetition vocabulary school (focus on correct gender & spelling) Speak about your daily life at and in school (structure of your day, schedule, favorite subjects, highschool, etc.) 	<p>Continuation Unit 2: Accentuate the Negative</p> <ul style="list-style-type: none"> Calculate with positive and negative rational numbers, and rational numbers with whole number exponents, to solve real world and mathematical problems Apply understanding of order of operations and algebraic properties to generate equivalent numerical and algebraic expressions containing positive and negative rational numbers and grouping symbols; evaluate such expressions 	<p>Human Interactions with Ecosystems, Cells & DNA</p> <ul style="list-style-type: none"> Examine ways in which human activities can change affect the parts of an ecosystem Understand that cells carry out life function Use differences in cells to distinguish between plant and animal cells
December	<p>Comparison between book and play / movie</p> <ul style="list-style-type: none"> Integrate and evaluate content presented in diverse media and formats, including visually and quantitatively, as well as in words. 	<p>Slavery in the US, non-fiction reading</p> <ul style="list-style-type: none"> Begin book <i>Narrative of the Life of Frederick Douglass</i> Determine theme in a text Analyze how an author uses their identity and perspective to establish credibility with the reader Evaluate the argument and specific claims in a text Use context clues to determine the meaning of unknown words & phrases Describe the ways that enslaved people and people in free black communities resisted slavery and transferred, developed, and maintained their culture 	<p>Spanish: Culture:</p> <ul style="list-style-type: none"> Universities in Spanish Speaking countries Describing what profession/career you want in future Targeted structures: habla, toma, quiere ser <p>Support German: School life</p> <ul style="list-style-type: none"> Learning about the different education models in Germany and the US Conjugate (irregular verbs) in plural correctly 	<p>Continuation & finishing Unit 2: Accentuate the Negative</p> <p>Unit 3: Moving Straight Ahead</p> <ul style="list-style-type: none"> Understand the concept of proportionality in real-world and mathematical situations, and distinguish between proportional and other relationships Represent these relationships with tables, verbal descriptions, symbols and graphs; 	<p>Cells & DNA</p> <ul style="list-style-type: none"> Recognize that cells repeatedly divide to make more cells for growth and repair Understand that cells contain genes and that genes determine inherited traits (distinguish between inherited and acquired traits).

<p style="text-align: center;">January</p>	<p>Contemporary Lyrics, Focus on urban poetry</p> <ul style="list-style-type: none"> • Demonstrate understanding of figurative language, word relationships and nuances in word meanings 	<p>Writing and the Road to the Civil War</p> <ul style="list-style-type: none"> • Written response to non-fiction text • Cite the main ideas of the debate over slavery and states' rights; explain how they resulted in major political compromises and, ultimately, war. • Integrate factual information to convey understanding about a topic • Develop a topic with credible relevant, well-chosen facts, definitions, concrete details, and quotations 	<p>Spanish: Culture:</p> <ul style="list-style-type: none"> • Universities in Spanish Speaking countries • Describing what profession/career you want in future • Targeted structures: habla, toma, quiere ser <p>Support German: Holidays & Festivities</p> <ul style="list-style-type: none"> • Repetition vocabulary holidays, festivities • Finding a compromise about what to do on the weekend 	<p>Continuation Unit 3: Moving Straight Ahead</p> <ul style="list-style-type: none"> • Represent real-world and mathematical situations using equations with variables • Solve equations symbolically, using the properties of equality. Also solve equations graphically and numerically • Represent linear functions and other functions with tables, verbal descriptions, symbols and graphs; 	<p>Cells & DNA, Classic genetics and heredity</p> <ul style="list-style-type: none"> • Recognize the differences between asexually and sexually reproducing organisms • Examine natural selection and selective breeding and how these have resulted in new varieties of plants and animals
<p style="text-align: center;">February</p>	<p>Economics - The Principles of Economy / Acting economically</p> <ul style="list-style-type: none"> • Apply reasoned decision-making techniques in making choices • Explain why different households or groups faced with the same alternatives might make different choices 	<p>Finish Road to the Civil War</p> <ul style="list-style-type: none"> • Cite the main ideas of the debate over slavery and states' rights; explain how they resulted in major political compromises and, ultimately, war. • Integrate factual information to convey understanding about a topic 	<p>Spanish:</p> <ul style="list-style-type: none"> • Describing body parts and using reflexive verbs • Targeted structures: se sienta, se levanta, le grita <p>Support German: Holidays & Festivities</p> <ul style="list-style-type: none"> • Using times / dates correctly • Use and conjugate the modal verb "dürfen" and the imperative correctly 	<p>Continuation & finishing Unit 3: Moving Straight Ahead</p> <p>Unit 4: Circles, Sectors, and Cylinders</p> <ul style="list-style-type: none"> • Use reasoning with proportions and ratios to determine measurements, justify formulas and solve real-world and mathematical problems involving circles and related geometric figures 	<p>Classic genetics and heredity, Natural Selection, Evolution & Fossil Record</p> <ul style="list-style-type: none"> • Examine the fossil record and the forces that drive the diversification and extinction of life forms • Examine anatomical structures to determine relationships between organisms
<p style="text-align: center;">March</p>	<p>Reading Lutz Hübner "Das Herz eines Boxers" (Drama)</p> <ul style="list-style-type: none"> • Read closely to determine what the text says explicitly and to make logical inferences from it; cite specific textual evidence when writing or speaking to support conclusions drawn from the text 	<p>The American Civil War</p> <ul style="list-style-type: none"> • Outline the major political and military events of the Civil War; evaluate how economics and foreign and domestic politics affected the outcome of the war • Describe the effects of the Civil War on Americans in the north, south and west, including liberated African-Americans, women, former slaveholders, and indigenous peoples 	<p>Spanish:</p> <ul style="list-style-type: none"> • Los castells de Tarragona (Human towers in Spain) • Targeted structures: Tienes que, le ayuda, no puede (hacer) • Señor Wooly Weeks • Novel: El capibara con botas <p>Support German: Food</p> <ul style="list-style-type: none"> • Repetition vocabulary food (focus on correct gender & spelling) • Speaking about healthy and unhealthy food 	<p>Continuation Unit 4: Circles, Sectors, and Cylinders</p> <ul style="list-style-type: none"> • Calculate probabilities and reason about probabilities using proportions to solve real-world and mathematical problems 	<p>Photosynthesis, Cellular Respiration, Ecology & Energy Flow</p> <ul style="list-style-type: none"> • Examine Photosynthesis and Cellular Respiration • Understand that the total amount of matter in an ecosystem remains the same even though its form and location change

<p style="text-align: center;">April</p>	<p>Politics - Civic Skills</p> <ul style="list-style-type: none"> • Describing and comparing civil rights and obligations in the US and Germany • Elaborate on the main ideas of separation of powers • Describe diplomacy and its instruments (role of US and Germany in a global setting) • Comparing different government styles (confucianism, dictatorship, democracy) 	<p>The Progressive Era</p> <ul style="list-style-type: none"> • Compare and contrast reform movements at the turn of the twentieth century • Collaborate with a peer group on planning, revision, editing, and presentation 	<p>Spanish: Culture:</p> <ul style="list-style-type: none"> • La comida latina • Describing food that you like and don't like; recognizing/describing ingredients, preferences • Targeted structures: busca, encuentra, sabes <p>Support German: Mein Zimmer</p> <ul style="list-style-type: none"> • Repetition vocabulary house & room • Correct use of the <i>Akkusativ</i> 	<p>Unit 5: Probability & Unit 6: Data Distributions</p> <ul style="list-style-type: none"> • Use mean, median and range to draw conclusions about data and make predictions • Display and interpret data in a variety of ways, including circle graphs and histograms 	<p>Atoms, Molecules, Chemical Equations, Periodic Table</p> <ul style="list-style-type: none"> • Recognize that substances are composed elements and that the periodic table organizes the elements into groups. • Examine the differences between elements and compounds and recognize that in chemical reactions the reactants and products have different properties
<p style="text-align: center;">May</p>	<p>History - The Weimar Republic (Germany from 1918), The Great Depression and World War 2</p> <ul style="list-style-type: none"> • Identify causes of the Great Depression and factors that led to an extended period of economic collapse in the United States • Outline the causes and conduct of World War II including the nations involved, major political and military figures and key battles 	<p>The 20th Century</p> <ul style="list-style-type: none"> • Study WWI from the American perspective, including why we became involved and its effects on the homefront. • Explore the effects of the Roaring '20s and the Great Depression on American society • Study WWII from the American perspective, including why we became involved and its effects on the homefront. 	<p>Spanish: Culture:</p> <ul style="list-style-type: none"> • Los deportes en los países que hablan español • Targeted structures: juega a (un deporte); quiere jugar a (otro deporte); eres <p>Novel: El capibara con botas</p> <p>Support German: Meine Stadt, mein Lieblingsort</p> <ul style="list-style-type: none"> • Repetition vocabulary City (correct spelling & gender) 	<p>Unit 7: Thinking with Mathematical Models</p> <ul style="list-style-type: none"> • Understand the concept of proportionality in real-world and mathematical situations, and distinguish between proportional and other relationships • Use linear equations to represent situations involving a constant rate of change, including proportional and non-proportional relationships 	<p>Diseases, Microorganisms, Immune & other Body Systems</p> <ul style="list-style-type: none"> • Examine how viruses, bacteria, fungi and parasites may cause specific diseases. • Investigate the Immune system and examine how vaccinations work to protect us.
<p style="text-align: center;">June</p>	<p>ZfA Kreativ-Wettbewerb</p> <ul style="list-style-type: none"> • Plan and produce a text (single work) or a video / podcast 8group work) matching the given german culture related topic 	<p>Year end recap/review</p> <ul style="list-style-type: none"> • Review curriculum from this school year by creating interactive games to play with peers 	<p>Spanish: Novel: El capibara con botas</p> <p>Support German: Ferien</p> <ul style="list-style-type: none"> • Repetition vocabulary travelling & countries (focus on correct gender & spelling) • presenting (imaginary) travel plans 	<p>Continuation & finishing Unit 7: Thinking with Mathematical Models</p>	<p>Body Systems</p> <ul style="list-style-type: none"> • Examine how the organs in the respiratory, circulatory, digestive, nervous, skin and urinary systems interact to serve the needs of organisms

*Throughout the school year 2-3 readings in German Humanities.