

TCGIS Family Overview Map

Core Subjects, 4th 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* (Deutsch)	English** (Englisch)	Social Studies (Sozi)	Math (Mathe)	Science / STEM (Nawi / MINT)
September	Our school, my class <ul style="list-style-type: none"> Review of noun articles Agreeing/disagreeing with each other 	Routines and Procedures Parts of Speech <ul style="list-style-type: none"> Nouns, Verbs, Adjective, Adverbs, Conjunctions, Articles, Prepositions, Interjections 	Classroom Rules and Community Hopes and Dreams Bicycles & traffic safety <ul style="list-style-type: none"> Recognize common traffic signs and navigate safely through traffic Transportation vocabulary SEL: Empathy & Learning Skills	Addition and Subtraction (Repetition of 1st-3rd grade standards) <ul style="list-style-type: none"> Principle, algorithm, inverse operations, connections between addition / subtraction Focus on regrouping and mental math 	Magnetism <ul style="list-style-type: none"> Analyze magnetic forces & properties
October	Continued: Our school, my class Me and you <ul style="list-style-type: none"> Using suffixes to make nouns out of adjectives/verbs Revising a text 	Story Structure <ul style="list-style-type: none"> Characters, Setting, Plot, Theme, Point of View, Main Idea and Details 	Bicycles unit continued Focusing on science curriculum. SEL: Empathy & Learning Skills	Multiplikation & Division (Repetition of 3rd grade standards) <ul style="list-style-type: none"> Multiplication principles, methods and rules Focus on Partial products and partial quotients 	Electricity <ul style="list-style-type: none"> Experiment with and electrical components Create circuits and analyze electric properties
November	2. Me and you continued 3. I know my way around <ul style="list-style-type: none"> Preparing/holding presentations Conjugating verbs correctly 	Non-fiction Text Structure <ul style="list-style-type: none"> Informative, Persuasive, Cause/Effect, Compare/Contrast, Problem/Solution, Sequencing, and Descriptive, Fact/Opinion 	Maps & Geography <ul style="list-style-type: none"> Use, read, and create various kinds of maps Learn the map basics (TODALS) Google Maps SEL: Empathy & Learning Skills	Multiplication & Division & Word Problems (Repetition of 3rd grade standards) <ul style="list-style-type: none"> Multiplication principles, methods and rules Partial products, partial quotients Word problems Strategies of how to solve word problems	Focusing on social studies curriculum.

<p>December</p>	<p>3. Continued: I know my way around</p> <ul style="list-style-type: none"> • Writing sentences in different tenses • Comparing texts 	<p>Informational Writing</p> <p>Students will be researching and writing an informational essay</p> <ul style="list-style-type: none"> • Research methods • The Writing Process 	<p>Focusing on science curriculum.</p> <p>SEL: Empathy & Learning Skills</p>	<p>Place value, number sense, big numbers, number lines</p> <ul style="list-style-type: none"> • Numbers to 10k, 100k, 1Mio <p>Repetition of estimating</p> <ul style="list-style-type: none"> • To the nearest 10th, 100th, 1000th, Mio 	<p>The Immune System</p> <ul style="list-style-type: none"> • Analyze the function and parts of the human immune system • Learn how to stay healthy and avoid getting others sick
<p>January</p>	<p>4. In my home</p> <ul style="list-style-type: none"> • Compound nouns • Story writing • Comparative and superlative adjectives 	<p>Figurative Language - Greek Mythology and Allusions</p> <ul style="list-style-type: none"> • Metaphors, Similes, Onomatopoeia, Rhyme, Alliteration, Hyperbole • Poetry 	<p>Focusing on science curriculum.</p> <p>SEL: Emotion Management</p>	<p>Multiplication and Division algorithms</p> <p>Geometry</p> <ul style="list-style-type: none"> • Learning about Quadrilaterals, triangles, angles, translation, rotation, reflections ..., 	<p>The Engineering Cycle</p> <ul style="list-style-type: none"> • Discover that engineering is an ongoing process to improve our lives • Learn about the development of different inventions (car, planes, toilet)
<p>February</p>	<p>5. I can imagine</p> <ul style="list-style-type: none"> • Irregular verbs • Writing dialogues 	<p>Story Elements</p> <ul style="list-style-type: none"> • Fiction Text Structure • Rise and Fall of Plot, Beginning, Middle and End, • Summarizing 	<p>Focusing on science curriculum.</p> <p>SEL: Emotion Management</p>	<p>Geometry Continued</p> <p>Area and Perimeter</p> <ul style="list-style-type: none"> • Area and perimeter calculation for squares & rectangles • Formulas 	<p>States of matter & The Water Cycle</p> <ul style="list-style-type: none"> • Experiment with transitions from liquid - solid - gaseous • Identify their connections
<p>March</p>	<p>6. Time for myself</p> <ul style="list-style-type: none"> • Possessive pronouns • Clauses: identifying subjects and predicates 	<p>Narrative Writing</p> <ul style="list-style-type: none"> • Students will be writing narrative stories • The Writing Process 	<p>Water Usage</p> <ul style="list-style-type: none"> • Review and analyze water usage of modern societies • Learn about water preservation <p>SEL: Emotion Management; Solving Problems</p>	<p>Fractions RNP</p> <ul style="list-style-type: none"> • Multisensory learning of mixed fractions, adding and subtracting fractions, etc. <p>Decimals - Tenths, Hundreths</p> <ul style="list-style-type: none"> • Decimal place values 	<p>Focusing on social studies curriculum.</p>
<p>April</p>	<p>7. Computer Mouse and Reading Cat</p> <ul style="list-style-type: none"> • Using simple past tense • Writing stories <p>8. The world around me</p> <ul style="list-style-type: none"> • Imperative sentences • Using conjunctions 	<p>Geography: States and Capitals</p> <p>Explore the U. S. States</p> <ul style="list-style-type: none"> • Discovering their names, locations, capitals, major cities, and important contributions <p>State Float Parade</p>	<p>Government, democracy & community (cross subject teaching with English on this topic)</p> <ul style="list-style-type: none"> • Explore different forms of government • Learn about key positions in local governments • Introduce democratic principles <p>SEL: Solving Problems</p>	<p>Continue with Fractions / Decimals</p> <ul style="list-style-type: none"> • Adding up fractions to a whole • Math problems with fractions • Equating decimals & fractions 	<p>Focusing on social studies curriculum.</p>
<p>May</p>	<p>8. Continued: The world around me</p> <p>9. At home and elsewhere</p> <ul style="list-style-type: none"> • Using a comma in a list 	<p>Hatchet Novel Study and Group Multimedia project</p> <ul style="list-style-type: none"> • Read and study the novel • Create multimedia presentations (movie) 	<p>Immigration to the USA</p> <ul style="list-style-type: none"> • Learn about when different groups of immigrants came to the US and where they came from. 	<p>Algebra</p> <ul style="list-style-type: none"> • Order of operations, Input-Output tables, mathematical sentences (+, -, :, x) <p>Data</p>	<p>Rocks and Minerals</p> <ul style="list-style-type: none"> • Analyze and classify different kinds of rocks • Learn about the Rock Cycle

	<ul style="list-style-type: none"> Comparing dialects 	trailers) based on the book <ul style="list-style-type: none"> Character, Setting, Plot, Summarizing 	<ul style="list-style-type: none"> Find out how immigration shaped our society SEL: Solving Problems	<ul style="list-style-type: none"> How to read and create Tables, Graphs 	
June	End of 4th grade & Summer <ul style="list-style-type: none"> Summer holidays Presentations review 4th grade Wrap up 	Continued: Hatchet Novel Study and project	Market Place <ul style="list-style-type: none"> Learn about the basics of a marketplace, supply and demand, advertising and production SEL: Review of the skills learned	Algebra, Data continued <ul style="list-style-type: none"> Order of operations, Input-Output tables, mathematical sentences (+, -, :, X) Data <ul style="list-style-type: none"> How to read and create Tables, Graphs 	Focusing on Social studies curriculum.

*** Skills reinforced throughout the year (Deutsch):**

- Reading throughout the year:** Improving reading fluency and accuracy through daily reading homework (15 minutes), Lies Mal/ German reading during quiet time.
- Writing throughout the year:** Being able to write cohesive and coherent stories and reports. Working on spelling, basic sentence structures, vocabulary and style.
- Speaking throughout the year:** Speak German at school 100% of the time during instruction. Learn and practice proper German pronunciation.
- Language study throughout the year:** Parts of speech, tenses

****Skills reinforced throughout the year (English):** Daily language practice of Vocabulary; Conventions; Grammar; Reading Comprehension; Writing; Phonics and Reading; Word Study (new list approximately every 2 weeks)