



8th gr Middle School team - Where we left off

(COURSE/SUBJECT - Social Studies - Civics)

Concepts covered on campus August 2019 - March 13, 2020	Concepts presented during Distance Learning March 17 - May 22, 2020	Concepts for future focus/review in the 2020-2021 School Year
Unit 1: - Origins of Government - Geography of the U.S., Purpose and forms of Government ,Principles of American Government , U,S, Constitution , Federalism, Civil Rights and Civil Liberties , bill of Rights 1st Amendment ,Equal Protection	Unit 4 ; - Economic Principles and Processes - Economic Principles ,Policies ,and Practices , Basic Economic Principles , The U.S. Economy , Money ,Banking ,and Economic Performance ,GlobalTrade , Trade Policy	Roles and Powers of the President , The Federal Bureaucracy , Congress at Work , Voting and Elections , Video Segments , The Three Branches , The Constitution
Unit 2 ;- Participating in Government - Citizenship ,Making Decisions , Political Change		
Unit 3 ; - Governmental Institutions and the Three Branches , Legislative ,Executive ,Judicial		

(COURSE/SUBJECT - MATH - Pre Algebra)

Concepts covered on campus August 2019 - March 13, 2020	Concepts presented during Distance Learning March 17 - May 22, 2020	Concepts to prepare/review for Algebra in the 2020-2021 School Year
1 Real #s and the Coordinate Plane <ul style="list-style-type: none">Rational and irrational numbersCube rootsThe Pythagorean TheoremDistance in coordinate plane	Transformations <ul style="list-style-type: none">Translations, reflections, rotations, dilationsSymmetry, congruence, and similarity	<ul style="list-style-type: none">Two step equations and inequalitiesSlope intercept ($y=mx + b$)
2 Solving Linear Equations <ul style="list-style-type: none">Two and multi-step equationsSolving with variables on both sides of the equationTypes of solutions	Geometry and Measurement <ul style="list-style-type: none">Volumes of prisms, cylinders, pyramids, and cones.Volume and surface area of spheres	<ul style="list-style-type: none">Systems of linear equationsExponents w/all operations
3 Introduction to Functions <ul style="list-style-type: none">Graphs to eventsLinear and nonlinear functions	Data Analysis <ul style="list-style-type: none">Scatter PlotsTwo way tables	<ul style="list-style-type: none">FactoringCross multiplyingThe Pythagorean Theorem
4. Graphing Functions <ul style="list-style-type: none">SlopeGraphing/comparing functionsWriting rules		Resources: <ul style="list-style-type: none">Khan AcademyGoogle (just key in topic)
5. Systems of Linear Equations <ul style="list-style-type: none">Solve by graphing, elimination, and substitutionSystems in the Real World		Other: <ul style="list-style-type: none">IXL Diagnostic (system will give students questions and assess their level. It will then give questions designed to focus on areas that need strengthening)
6. Exponents <ul style="list-style-type: none">Scientific Notation w/operationsExponents with all operations		
7 Geometry <ul style="list-style-type: none">Angles and parallel linesCongruent and similar figuresAngles and polygons		

(COURSE/SUBJECT - Middle School Language Arts/8th grade)

<p>Concepts covered on campus August 2019 - March 13, 2020</p>	<p>Concepts presented during Distance Learning March 17 - May 22, 2020</p>	<p>Concepts for future focus/review in the 2020-2021 School Year</p>
<p><u>Vocabulary:</u> Eighth graders completed 12 of 15 Vocabulary units. We explored, studied, and wrote with 180 new(ish) words this year.</p> <p><u>Literature</u> We read and studied these books in addition to short stories, poetry, articles, and nonfiction pieces:</p> <p><u>Fahrenheit 451</u> by Ray Bradbury</p> <p><u>The Boy in the Striped Pajamas</u> by John Boyne</p> <p>We also did a special unit on the play <u>Twelfth Night</u> by William Shakespeare, we read an abridged version, discussed, and even acted in class. We ended the unit by watching a live performance of the play.</p> <p><u>English Grammar</u></p> <p>Subjects, Predicates, and Sentences : Declarative, interrogative, exclamatory, imperative, simple, compound, fragments, run-on sentences; Simple and complete subjects and predicates.</p> <p>Nouns: Proper, common, singular, plural, collective, possessive, Contractions, concrete, abstract, appositives, collective</p> <p>Verbs: Action, direct, indirect, transitive, intransitive, predicate words, helping, linking; tenses, past, present, future, progressive, perfect;irregular verbs; verb forms;active/passive voice, Expressing future time</p> <p>Pronouns: Personal, possessive, indefinite, reflexive, intensive, interrogative, demonstrative; Antecedents</p> <p>Adjectives/Adverbs: Proper, comparative, superlative, demonstratives, intensifiers; avoiding double negatives</p>	<p>During distance learning the 8th graders tackled Harper Lee’s classic novel</p> <p><u>To Kill a Mockingbird.</u></p> <p>Students focused on characters, plot points, themes, figurative language, and vocabulary for every chapter of the book. (31)</p> <p>We explored the historical context of the book as well as its relevance today. Students were introduced to the theory of “Lynching Culture.”</p> <p>Students responded to critical thinking questions and were challenged with the difficult themes of racism, character, hypocrisy, the rule of law, judgement, and privilege through textual evidence was</p> <p>Our next step would have been for students to pull an event of the time and research it, and write about their findings in an informative writing piece.</p>	<p><u>Research Study Skills:</u> Students may want an opportunity to practice their research skills, The National History Day yearly project is perfect. Students can enter as individuals. This will provide a range of research and writing opportunities. It also looks good on a resume for college. The link below provides information. <u>Communication in History: The Key to Understanding</u></p> <p><u>Writing Skills</u> This is a series that helps hone the student’s writing skills with focus on mechanics. https://www.summerskills.com/summer_skills_books/language_arts_books/</p> <p><u>Literature/Vocabulary Read!</u> Reading increases all language arts skills. I encourage you to read a classic. You might want to visit a bookstore, like <i>2nd and Charles</i>, they have a section of books you’ll read for school, and pick one. (Perhaps one you know you’ll read next year, and get a head start.)</p>

8th grade Science GRADE 2019-2020 - **Mrs. Rasmussen**

(COURSE/SUBJECT - Middle School Science/8th grade)

<p>Concepts covered on campus August 2019 - March 13, 2020</p>	<p>Concepts presented during Distance Learning March 17 - May 22, 2020</p>	<p>Concepts for future focus/review in the 2020-2021 School Year</p>
<ul style="list-style-type: none"> ● Scientific Method ● How to write a lab report ● Measurement ● Rocks and Minerals ● Layers of the earth ● Convection currents ● Plate tectonics ● Continental drift ● Earthquakes ● Volcanoes ● Water cycle ● Weather ● Ocean currents ● Earth's atmosphere ● Climate ● Weathering and Erosion ● fossils 	<ul style="list-style-type: none"> ● The moon ● The moon and the tides ● Solar system ● How a star is born ● Galaxies ● Space exploration 	<ul style="list-style-type: none"> ● Black holes ● Comets and asteroids <p>A great all around resource book to use for review of all middle school science is:</p> <p><u>Everything You Need to Ace Science in one Big Fat Notebook</u> edited by Michael Geisen</p> <p>I got my copy from Amazon for 10 dollars. It covers all the subject areas and is a terrific resource.</p> <p>https://www.amazon.com/Everything-You-Need-Science-Notebook/dp/0761160957/ref=redir_mobile_desktop?ie=UTF8&aaxitk=rySjfwdi3mRW.ddlGtp1bw&hsa_cr_id=8306649080901&ref_=sb_s_sparkle</p>