



7th grade Middle School team - Where we left off

(COURSE/SUBJECT -VA History 7th Grade Discovery Education On -Line Mrs .Murph

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 4 A Nation Divided Chapter 9 Slavery and the Civil War Slave Life and The Civil War The Road to Disunion The Course of War Impact of the War Greases /Free At Last /Chart Explores 1-7	Unit 7 Chapter 17 A Time of Change The Civil Rights Movement A More Active Government The Vietnam War Expanding Rights Growing Disillusion , Explores 1-11 US Involvement Grows ,	Unit 8 ; Entering The Digital Age Explores 1-15 Growth at Home A New World Order Ronald Reagan - Great Communicator Polarized Political Landscape The Reagan Budget Sequencing Chart Ronald Reagan'n actions as president President of George . H. W. Bush
Chapter 10 - Reconstruction Unity and Division ,An Era Ends Explores 1-12 Lincoln's Plan for Reconstruction , The Freedmen's Bureau , Radical Republican Plan Radical Election of 1876 African American Life After Reconstruction African American Churches	A Nation Divides / Ho Chi Minh, General Vo Nguyen Giap US Military Aid / Containment Eisenhower Deepens US Involvement .,Kennedy Increases US Aid Chapter 17- Nixon Explores 1-16 American President in China, Scandals and Lies ,Saturday Night Massacre Video Segments Nixon, Ford ,Carter The Carter Year's The End of Detente '	The Clinton Years ;Politics Clinton's Domestic Agenda The Budget Battle /Clinton vs Congress ,The Economic and Social Boom of The 1990's Video Segment - Who is Saddam Hussein ? Yes,
Tragedy Strikes , Mary Todd Lincoln, April 14, 1865 ,14th and 15th Amendments ,Impeachment of President Johnson 1867,	Communism in Afghanistan Soviet Union Invasion Audio of Jimmy Carter Speech 1/4/1980	Chapter 19 ;America in The 21st Century - Emerging Threats America's Next Century
Engage Venn Diagram Unity and Division ,Comparison Chart Lincoln, Johnson, and Congress Project ,Reading Passages ,Change Over Time Chart	Special Projects Black History Program ,Posters Research, "The Little Rock Nine "Explores 1-17, Civil Rights Movement Venn Diagram, Video Segments, Special reports KKK, Event /Effect Chart .All Reading Passages	Main Idea Web / Details about the US and Abroad , Research Domestic and International Terrorism , al-Qaeda ,Video Segments Emeging Threats Timeline,September 11, 2001

(COURSE/SUBJECT - MATH - Pre Algebra - Mr. Joe Puttkammer)

<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 to prepare/review for Algebra in the 2020-2021 School Year</p>
<p>Real #s and the Coordinate Plane</p> <ul style="list-style-type: none"> Rational and irrational numbers Cube roots The Pythagorean Theorem Distance in coordinate plane 	<p>Transformations</p> <ul style="list-style-type: none"> Translations, reflections, rotations, dilations Symmetry, congruence, and similarity 	<ul style="list-style-type: none"> Two step equations and inequalities Slope intercept ($y=mx + b$)
<p>Solving Linear Equations</p> <ul style="list-style-type: none"> Two and multi-step equations Solving with variables on both sides of the equation Types of solutions 	<p>Geometry and Measurement</p> <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 equations Exponents w/all operations
<p>Introduction to Functions</p> <ul style="list-style-type: none"> Graphs to events Linear and nonlinear functions 	<p>Data Analysis</p> <ul style="list-style-type: none"> Scatter Plots Two way tables 	<ul style="list-style-type: none"> Factoring Cross multiplying The Pythagorean Theorem
<p>Graphing Functions</p> <ul style="list-style-type: none"> Slope Graphing/comparing functions Writing rules 		<p>Resources:</p> <ul style="list-style-type: none"> Khan Academy Google (just key in topic)
<p>Systems of Linear Equations</p> <ul style="list-style-type: none"> Solve by graphing, elimination, and substitution Systems in the Real World 		<p>Other:</p> <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)
<p>Exponents</p> <ul style="list-style-type: none"> Scientific Notation w/operations Exponents with all operations 		
<p>Geometry</p> <ul style="list-style-type: none"> Angles and parallel lines Congruent and similar figures Angles and polygons 		

(COURSE/SUBJECT - MATH - 7th gr Course 2 - Mr. Joe Puttkammer)

Concepts covered on campus August 2019 - March 13, 2020	Concepts presented during Distance Learning March 17 - May 22, 2020	Concepts to prepare/review for Pre-Algebra in the 2020-2021 School Year
Integers and Rational Numbers <ul style="list-style-type: none"> ● All operations with integers ● Fractions and decimals ● All operations with Rational #s 	Analyzing Data <ul style="list-style-type: none"> ● Random samples/surveys ● Est population size ● Inferences/data variability 	<ul style="list-style-type: none"> ● Two step equations and inequalities ● Proportions
Equations <ul style="list-style-type: none"> ● Evaluate, write, and simplify expressions ● One/Two step equations w/Dist 	Probability <ul style="list-style-type: none"> ● Experimental, simulation ● Compound events 	<ul style="list-style-type: none"> ● Converting fractions, decimals, and percents ● The Pythagorean Theorem
Inequalities <ul style="list-style-type: none"> ● Graphing and writing ● Solving 2 step inequalities 		<ul style="list-style-type: none"> ● Linear and nonlinear functions ● Operations with exponents
Ratios, Rates, and Proportions <ul style="list-style-type: none"> ● Unit rates, Solving, relationships ● Similar figures and scales 		Resources: <ul style="list-style-type: none"> ● Khan Academy ● Google (just key in topic)
Percents <ul style="list-style-type: none"> ● Percents, fractions, and decimals ● Proportions and equations ● Simple interest, change percent 		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)
Geometry <ul style="list-style-type: none"> ● Angle measures ● Areas of polygons ● Circumference of circles 		
Surface Area and Volume <ul style="list-style-type: none"> ● 3D figures ● Prisms, cylinders, cross sections 		

(COURSE/SUBJECT - English/Literature - Ms. MaryBeth Adams)

<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> Seventh graders completed 13 of 15 Vocabulary units. We explored, studied, and wrote with 195 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>The Giver</u> by Lois Lowry</p> <p><u>The Devil's Arithmetic</u> by Jane Yoland</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</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>Prepositions, Conjunctions, and Interjections: Prepositions, prepositional phrases, pronouns after prepositions; Adjective and Adverb phrases; telling prepositions and adverbs apart,</p>	<p>During Distance learning we studied the book</p> <p><u>Refugee</u> by Alan Gratz.</p> <p>Students worked through this book of varying perspective.</p> <p>We did background work on the story (Cuba, Germany, Syria) to understand the historical context of our characters.</p> <p>Students worked on critical thinking questions and character analysis and textual evidence</p> <p>I'd like us to begin here next year. Students will research a historical event and then write from the perspective of a fictional character.</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/ Also, our Google classroom page will be active all summer. Students are welcome to go back over any of the skills we studied this year as a review. The workbook is accessible as a PDF.</p> <p>Read! Reading increases all language arts skills.</p> <p>Students will receive a summer reading project in their report card. I tried to put together a fun and varied way for them to complete a book report.</p> <p>CHALLENGE: <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 high school. The link below provides information. <u>Communication in History: The Key to Understanding</u></p> <p><u>English Grammar starting point:</u> Mechanics, Mechanics, Mechanics! Capitalization and punctuation.</p>

(COURSE/SUBJECT - Middle School Science/7th grade - Ms. Angela Rasmussen)

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
<ul style="list-style-type: none">• Scientific Method• How to write a lab report• Measurement• Speed and Velocity• Force and Motion• Inertia• Newton's Laws• Gravity and Weight• Simple Machines• Work• Energy• Matter• Periodic table• Atomic structure• Molecules• Mixtures and compounds	<ul style="list-style-type: none">• Ionic and Covalent Bonding• Sound and Light Waves• Touched on Electricity	<ul style="list-style-type: none">• Electricity• pH scale <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><u>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</u></p>