



## 8th gr High School Credit courses-Where we left off

### (COURSE/SUBJECT - 8th Grade World History 1 - Mrs Carmen Murph

Concepts covered on campus <b>December 1 to March 13, 2020</b>	Concepts presented during Distance Learning <b>March 17 - May 22, 2020</b>	Concepts for future focus/review in the <b>2020-2021 School Year</b>
Unit 1 - The Rise of Civilizations Chapter 1 -Human Origins Chapter 2 Agriculture & Settlement Neolithic Revolution Early Agricultural Civilizations Unit 2 - Ancient Civilizations Mesopotamia Society Kush and Phoenicia Unit 3Regional Civilizations India Ancient China Ancient Hebrews, Judaism	Chapter 11 Growth of Christianity Unit 4 -Growth of World Empires Chapter 12 Islam Chapter 13 -Medieval India and China Chapter 14 -Japan and Korea Chapter 15 - Early Americas Japan, Japanese Society Korea's Geography and Society  The Renaissance ;Origins Cultural Contributions	Chapters 19 - Exploration ,Trade in Africa ,Asia Chapter 20 - The Seeds of Modern Europe Unit 6 ; Creating the Modern World Chapter 21- Revolutions France , Latin America ,Industrial Revolution Chapter 22 Competition and Crisis Conquests and Colonies
Chapter4 EgyptChapter 5-aPhoenicia Unit 3India Chapter 7 -,China ,ChineseDynasties	Chapter 16 African Empires Geography , Religion , Growth Chapter 17 - Eurasia in the Middle Ages / Medieval Society / Politics ,The Black Death	World War 1 and the Russian Revolution The Great Depression and the Rise of Dictators

**(COURSE/SUBJECT - MATH - Algebra - Mr. Puttkammer)**

Concepts covered on campus <b>August 2019 - March 13, 2020</b>	Concepts presented during Distance Learning <b>March 17 - May 22, 2020</b>	Concepts for future focus/review in the <b>2020-2021 School Year</b>
<b>1. Foundations for Algebra</b> <ul style="list-style-type: none"><li>• Variables and expressions</li><li>• Order of Ops and properties</li><li>• Equations with all operations</li></ul>	<b>9. Quadratic Functions and Eq</b> <ul style="list-style-type: none"><li>• Graphs and their properties</li><li>• Factoring to solve</li><li>• Completing the square</li><li>• Quadratic formula</li></ul>	<b>Data Analysis and Probability</b> <ul style="list-style-type: none"><li>• Matrices</li><li>• Central tendency</li><li>• Box and whisker plots</li><li>• Permutations and combinations</li><li>• Probability of compound events</li></ul>
<b>2. Solving Equations</b> <ul style="list-style-type: none"><li>• Multi-step equations</li><li>• Ratios, rates, and conversions</li><li>• Proportions, percents</li></ul>	<b>10. Radical Expressions and Eq</b> <ul style="list-style-type: none"><li>• Pythagorean Theorem</li><li>• Simplifying and ops with Rad</li><li>• Solve Rad Eq / Trig ratios</li></ul>	<b>Resources:</b> <ul style="list-style-type: none"><li>• Algebra book, chapter 12</li><li>• Khan Academy</li><li>• Google (just key in topic)</li></ul>
<b>3. Solving Inequalities</b> <ul style="list-style-type: none"><li>• Solving with all operations</li><li>• Absolute value</li><li>• Unions and Intersections of sets</li></ul>	<b>11. Rational Exp and Functions</b> <ul style="list-style-type: none"><li>• Rational Exp w/all operations</li><li>• Dividing polynomials</li><li>• Inverse variation</li></ul>	
<b>4. An Introduction to Functions</b> <ul style="list-style-type: none"><li>• Graphing rules</li><li>• Patterns w/ linear and nonlinear</li><li>• Arithmetic sequences</li></ul>		
<b>5. Linear Functions</b> <ul style="list-style-type: none"><li>• Rate of change and slope</li><li>• Direct variation</li><li>• Parallel and perp lines</li></ul>		
<b>6. Systems of Equations and Inequalities</b> <ul style="list-style-type: none"><li>• Graphing, elim, and substitution</li><li>• Linear inequalities</li></ul>		
<b>7. Exponents and Exp Functions</b> <ul style="list-style-type: none"><li>• Properties / rules of exponents</li><li>• Functions, growth, and decay</li><li>• Geometric sequences</li></ul>		
<b>8. Polynomials and Factoring</b> <ul style="list-style-type: none"><li>• Add, subtract, and multiply</li><li>• Mult binomials and special cases</li><li>• Factoring trinomials</li><li>• Special cases and grouping</li></ul>		

**(COURSE/SUBJECT - Middle School Language Arts/8th grade - Ms. MaryBeth Adams)**

<p>Concepts covered on campus</p> <p><b>August 2019 - March 13, 2020</b></p>	<p>Concepts presented during Distance Learning</p> <p><b>March 17 - May 22, 2020</b></p>	<p>Concepts for future focus/review in the</p> <p><b>2020-2021 School Year</b></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><b>Subjects, Predicates, and Sentences:</b> Declarative, interrogative, exclamatory, imperative, simple, compound, fragments, run-on sentences; Simple and complete subjects and predicates.</p> <p><b>Nouns:</b> Proper, common, singular, plural, collective, possessive, Contractions, concrete, abstract, appositives, collective</p> <p><b>Verbs:</b> 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><b>Pronouns:</b> Personal, possessive, indefinite, reflexive, intensive, interrogative, demonstrative; Antecedents</p> <p><b>Adjectives/Adverbs:</b> Proper, comparative, superlative, demonstratives, intensifiers; avoiding double negatives</p>	<p>During distance learning the 8<sup>th</sup> 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. <a href="https://www.summerskills.com/summer_skills_books/language_arts_books/">https://www.summerskills.com/summer_skills_books/language_arts_books/</a></p> <p><u>Literature/Vocabulary</u> <b>Read!</b> 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>

**(COURSE/SUBJECT - Geoscience - High School - Mrs. Angela Rasmussen)**

<b>Concepts covered on campus August 2019 - March 13, 2020</b>	<b>Concepts presented during Distance Learning March 17 - May 22, 2020</b>	<b>Concepts for future focus/review in the 2020-2021 School Year</b>
<ul style="list-style-type: none"><li>• Scientific Method</li><li>• How to write a lab report</li><li>• Measurement</li><li>• Rocks and Minerals</li><li>• Layers of the earth</li><li>• Convection currents</li><li>• Plate tectonics</li><li>• Continental drift</li><li>• Earthquakes</li><li>• Volcanoes</li><li>• Water cycle</li><li>• Weather</li><li>• Ocean currents</li><li>• Earth's atmosphere</li><li>• Climate</li><li>• Weathering and Erosion</li><li>• fossils</li><li>• Topographical maps</li></ul>	<ul style="list-style-type: none"><li>• The moon</li><li>• The moon and the tides</li><li>• Solar system</li><li>• How a star is born</li><li>• Galaxies</li><li>• Space exploration</li><li>• Black holes</li></ul>	<ul style="list-style-type: none"><li>• Comets and asteroids</li></ul> <p>A great all around resource book to use for review of all middle school science is:</p> <p><u><a href="#">Everything You Need to Ace Science in one Big Fat Notebook</a></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><a href="https://www.amazon.com/Everything-You-Need-Science-Notebook/dp/0761160957/ref=redir_mobile_desktop?ie=UTF8&amp;aaxitk=rySJfwdi3mRW.ddlGtp1bw&amp;hsa_cr_id=8306649080901&amp;ref_=sb_s_sparkle">https://www.amazon.com/Everything-You-Need-Science-Notebook/dp/0761160957/ref=redir_mobile_desktop?ie=UTF8&amp;aaxitk=rySJfwdi3mRW.ddlGtp1bw&amp;hsa_cr_id=8306649080901&amp;ref_=sb_s_sparkle</a></u></p>

**(COURSE/SUBJECT - Spanish 1 High School - Mr. Michael Kelleher)**

<p align="center">Concepts covered on campus <b>August 2019 - March 13, 2020</b></p>	<p align="center">Concepts presented during Distance Learning <b>March 17 - May 22, 2020</b></p>	<p align="center">Concepts for future focus/review in the <b>2020-2021 School Year</b></p>
<p>All coursework from November 2019 - May 22 was taken from: Pearson Paso a Paso.</p> <p><a href="http://www.phschool.com/atschool/paso/">http://www.phschool.com/atschool/paso/</a></p> <p><b><u>Chapters 1-6</u></b> <b><u>Grammar concepts:</u></b></p> <ul style="list-style-type: none"> <li>● Self descriptive adjectives</li> <li>● Neither...nor</li> <li>● Infinitive verbs</li> <li>● Personal pronouns</li> <li>● Present tense -ar ending verbs</li> <li>● Un, una, el and/or la -singular articles (sustantivos)</li> <li>● Unos, unas, los and/or las - plural articles (sustantivos)</li> <li>● Ir+a+infinitive - To go to School</li> <li>● "Con" (with)</li> <li>● Ser vs Estar</li> <li>● Singular and plural adjectives</li> <li>● Present tense -er verbs</li> <li>● Compound subjects</li> <li>●</li> </ul> <p><b><u>Vocab themes:</u></b></p> <ul style="list-style-type: none"> <li>● Talk about activities</li> <li>● Likes/dislikes</li> <li>● Describe yourself</li> <li>● Talk about school subjects</li> <li>● School supplies</li> <li>● Ask and tell time</li> <li>● When something takes place</li> <li>● Talk about location</li> <li>● Pronouns (yo, tu, el, ella, ud, nosotros, ellos,)</li> <li>● Extend, accept, or decline invitations</li> <li>● Express surprise</li> <li>● Family members</li> </ul>	<p><b><u>Chapters 7-10</u></b> <b><u>Grammar concepts:</u></b></p> <ul style="list-style-type: none"> <li>● Conjugate the present &amp; past tense verbs: <ul style="list-style-type: none"> <li>○ "Poder" (to be able)</li> <li>○ "Querer" (To want)</li> <li>○ "Pensar" (to think)</li> <li>○ "Poner" (to put)</li> <li>○ "Hacer" (to do)</li> <li>○ "Preferir" (to prefer)</li> <li>○ "Ir" (to go)</li> <li>○ "Dormir" (To sleep)</li> </ul> </li> <li>● Para+Infinitive</li> <li>● Possessive Adjectives</li> <li>● Past tense -Ar verbs</li> <li>● Pronouns "me, te, le"</li> <li>● Noun/adjective agreement</li> </ul> <p><b><u>Vocab Themes:</u></b></p> <ul style="list-style-type: none"> <li>● Vacations</li> <li>● Planning a trip</li> <li>● Describe weather</li> <li>● Household items/furniture</li> <li>● Chores</li> <li>● Preferences</li> <li>● Parts of the body</li> <li>● Describe how someone is feeling</li> <li>● Talk about places</li> <li>● Things to buy/money</li> <li>● Asking and giving directions</li> <li>● Means of transportation</li> </ul>	<p><b><u>Chapters 11-13</u></b> <b><u>Grammar concepts:</u></b></p> <ul style="list-style-type: none"> <li>● Issue commands</li> <li>● Conjugate the present &amp; past tense verbs: <ul style="list-style-type: none"> <li>○ "saber" (to know)</li> <li>○ "Traer" (to bring)</li> <li>○ "Ver" (to see)</li> </ul> </li> <li>● E to I Irregular verbs (Pedir, Servir, etc.)</li> <li>● Indirect complements</li> <li>● Past tense of -Er &amp; -Ir regular and irregular verbs</li> <li>● Comparisons</li> <li>● Superlatives</li> <li>● Direct and Indirect Complements</li> <li>● Prepositions</li> </ul> <p><b><u>Vocab Themes:</u></b></p> <ul style="list-style-type: none"> <li>● Movies, TV Shows</li> <li>● Express opinions</li> <li>● Indicate time or duration</li> <li>● Talk about Food</li> <li>● Table settings</li> <li>● Express needs</li> <li>● Animals</li> <li>● Everyday activities</li> </ul>