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

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

<table>
<thead>
<tr>
<th>Concepts covered on campus</th>
<th>Concepts presented during Distance Learning March 17 - May 22, 2020</th>
<th>Concepts for future focus/review in the 2020-2021 School Year</th>
</tr>
</thead>
</table>
| **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 3 Regional 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 |
| Chapter 4 Egypt  
Chapter 5 - Phoenicia  
Unit 3 India  
Chapter 7 - China, Chinese Dynasties | 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 |
<table>
<thead>
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<tbody>
<tr>
<td><strong>1. Foundations for Algebra</strong></td>
<td><strong>9. Quadratic Functions and Eq</strong></td>
<td><strong>Data Analysis and Probability</strong></td>
</tr>
<tr>
<td>● Variables and expressions</td>
<td>● Graphs and their properties</td>
<td>● Matrices</td>
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<tr>
<td>● Order of Ops and properties</td>
<td>● Factoring to solve</td>
<td>● Central tendency</td>
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<tr>
<td>● Equations with all operations</td>
<td>● Completing the square</td>
<td>● Box and whisker plots</td>
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<td>● Quadratic formula</td>
<td>● Permutations and combinations</td>
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<td>● Probability of compound events</td>
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<tr>
<td><strong>2. Solving Equations</strong></td>
<td><strong>10. Radical Expressions and Eq</strong></td>
<td><strong>Resources:</strong></td>
</tr>
<tr>
<td>● Multi-step equations</td>
<td>● Pythagorean Theorem</td>
<td>● Algebra book, chapter 12</td>
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<tr>
<td>● Ratios, rates, and conversions</td>
<td>● Simplifying and ops with Rad</td>
<td>● Khan Academy</td>
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<tr>
<td>● Proportions, percents</td>
<td>● Solve Rad Eq / Trig ratios</td>
<td>● Google (just key in topic)</td>
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<tr>
<td><strong>3. Solving Inequalities</strong></td>
<td><strong>11. Rational Exp and Functions</strong></td>
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<tr>
<td>● Solving with all operations</td>
<td>● Rational Exp w/all operations</td>
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<tr>
<td>● Absolute value</td>
<td>● Dividing polynomials</td>
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<tr>
<td>● Unions and Intersections of sets</td>
<td>● Inverse variation</td>
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<td><strong>4. An Introduction to Functions</strong></td>
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<tr>
<td>● Graphing rules</td>
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<td>● Patterns w/ linear and nonlinear</td>
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<tr>
<td>● Arithmetic sequences</td>
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<td><strong>5. Linear Functions</strong></td>
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<tr>
<td>● Rate of change and slope</td>
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<td>● Direct variation</td>
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<tr>
<td>● Parallel and perp lines</td>
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<tr>
<td><strong>6. Systems of Equations and Inequal</strong></td>
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<tr>
<td>● Graphing, elim, and substitution</td>
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<td></td>
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<tr>
<td>● Linear inequalities</td>
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<tr>
<td><strong>7. Exponents and Exp Functions</strong></td>
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<tr>
<td>● Properties / rules of exponents</td>
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<tr>
<td>● Functions, growth, and decay</td>
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<tr>
<td>● Geometric sequences</td>
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<tr>
<td><strong>8. Polynomials and Factoring</strong></td>
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<tr>
<td>● Add, subtract, and multiply</td>
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<tr>
<td>● Mult binomials and special cases</td>
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<tr>
<td>● Factoring trinomials</td>
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<tr>
<td>● Special cases and grouping</td>
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</tr>
<tr>
<td>Concepts covered on campus</td>
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<td>Concepts for future focus/review in the 2020-2021 School Year</td>
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<td>-------------------------------------------------------------------------------------------</td>
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<tr>
<td><strong>August 2019 - March 13, 2020</strong></td>
<td><strong>March 17 - May 22, 2020</strong></td>
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<tr>
<td><strong>Vocabulary:</strong> Eighth graders completed 12 of 15 Vocabulary units. We explored, studied, and wrote with 180 new(ish) words this year.</td>
<td>During distance learning the 8th graders tackled Harper Lee’s classic novel</td>
<td><strong>Research Study Skills:</strong> 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. <strong>Communication in History: The Key to Understanding</strong></td>
</tr>
<tr>
<td><strong>Literature</strong> We read and studied these books in addition to short stories, poetry, articles, and nonfiction pieces: Fahrenheit 451 by Ray Bradbury The Boy in the Striped Pajamas by John Boyne</td>
<td>Students focused on characters, plot points, themes, figurative language, and vocabulary for every chapter of the book. (31) We explored the historical context of the book as well as its relevance today. Students were introduced to the theory of “Lynching Culture.” 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</td>
<td><strong>Writing Skills</strong> 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></td>
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<td>We also did a special unit on the play Twelfth Night 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.</td>
<td></td>
<td><strong>Literature/Vocabulary Read!</strong> Reading increases all language arts skills. I encourage you to read a classic. You might want to visit a bookstore, like 2nd and Charles, 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.)</td>
</tr>
<tr>
<td><strong>English Grammar</strong> <strong>Subjects, Predicates, and Sentences:</strong> Declarative, interrogative, exclamatory, imperative, simple, compound, fragments, run-on sentences; Simple and complete subjects and predicates.</td>
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<td><strong>Nouns:</strong> Proper, common, singular, plural, collective, possessive, Contractions, concrete, abstract, appositives, collective</td>
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<td><strong>Verbs:</strong> 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</td>
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<td><strong>Pronouns:</strong> Personal, possessive, indefinite, reflexive, intensive, interrogative, demonstrative; Antecedents</td>
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<tr>
<td><strong>Adjectives/Adverbs:</strong> Proper, comparative, superlative, demonstratives, intensifiers; avoiding double negatives</td>
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### Concepts covered on campus

**August 2019 - March 13, 2020**
- 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
- Topographical maps

### Concepts presented during Distance Learning

**March 17 - May 22, 2020**
- The moon
- The moon and the tides
- Solar system
- How a star is born
- Galaxies
- Space exploration
- Black holes

### Concepts for future focus/review in the 2020-2021 School Year

- Comets and asteroids

A great all around resource book to use for review of all middle school science is:

**Everything You Need to Ace Science in one Big Fat Notebook** edited by Michael Geisen

I got my copy from Amazon for 10 dollars. It covers all the subject areas and is a terrific resource.

All coursework from November 2019 - May 22 was taken from: Pearson Paso a Paso.

http://www.phschool.com/atschool/paso/

### Chapters 1-6

**Grammar concepts:**
- Self descriptive adjectives
- Neither...nor
- Infinitive verbs
- Personal pronouns
- Present tense -ar ending verbs
- Un, una, el and/or la -singular articles (sustantivos)
- Unos, unas, los and/or las - plural articles (sustantivos)
- Ir+a+infinitive - To go to School
- “Con” (with)
- Ser vs Estar
- Singular and plural adjectives
- Present tense -er verbs
- Compound subjects

**Vocab themes:**
- Talk about activities
- Likes/dislikes
- Describe yourself
- Talk about school subjects
- School supplies
- Ask and tell time
- When something takes place
- Talk about location
- Pronouns (yo, tu, él, ella, ud, nosotros, ellos,)
- Extend, accept, or decline invitations
- Express surprise
- Family members

### Chapters 7-10

**Grammar concepts:**
- Conjugate the present & past tense verbs:
  - “Poder” (to be able)
  - “Querer” (To want)
  - “Pensar” (to think)
  - “Poner” (to put)
  - “Hacer” (to do)
  - “Preferir” (to prefer)
  - “Ir” (to go)
  - “Dormir” (To sleep)
- Para+Infinitive
- Possessive Adjectives
- Past tense -Ar verbs
- Pronouns “me, te, le”
- Noun/adjective agreement

**Vocab Themes:**
- Vacations
- Planning a trip
- Describe weather
- Household items/furniture
- Chores
- Preferences
- Parts of the body
- Describe how someone is feeling
- Talk about places
- Things to buy/money
- Asking and giving directions
- Means of transportation

### Chapters 11-13

**Grammar concepts:**
- Issue commands
- Conjugate the present & past tense verbs:
  - “saber” (to know)
  - “Traer” (to bring)
  - “Ver” (to see)
- E to I Irregular verbs (Pedir, Servir, etc.)
- Indirect complements
- Past tense of -Er & -Ir regular and irregular verbs
- Comparisons
- Superlatives
- Direct and Indirect Complements
- Prepositions

**Vocab Themes:**
- Movies, TV Shows
- Express opinions
- Indicate time or duration
- Talk about Food
- Table settings
- Express needs
- Animals
- Everyday activities