

Achieving Core Content Literacy Using Internet Instruction:

Language Arts and Reading,
Mathematics,
Science, and
Social Studies

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This program is designed for the teacher wishing to develop an understanding of how the Internet can be used when teaching core content topics. It features guided activities that offer the opportunity for reflection and analysis of Internet resources that can be used in the teacher's specific classroom situation. The program is an independent study but mentored throughout its process to overcome the learning challenges that occur and create beneficial classroom resources and expertise.

Instruction Sheet For Program Completion

There are 4 threads contained that you will be following depending on the subject area you are registered in.

- I. Language Arts and Reading
- II. Mathematics
- III. Science
- IV. Social Studies

I. If you have chosen **Language Arts and Reading** follow this thread:

1. As part of your initial registration package from Colorado Consulting Services you should have received the book *English Language Arts and Reading on the Internet: a Resource for K-12 Teachers; Greenlaw and Ebenezer; ISBN 0-13-117589-0*. Read the five chapters in this book and visit a random number of websites that apply most directly to your area of interest and teaching situation. There is no specific number of websites to visit. Choose as many as you think necessary to answer the suggested activity sections at the end of each chapter.
2. There is a suggested activity section of each chapter. Please select three (3) activities to complete and report on from each section. Follow the instructions given for both visiting the websites and completing the tasks specified in the activity. You will be submitting a total of fifteen (15) activity responses to complete the requirements of this course.
3. For each of the fifteen activities that you completed write a summarization of what you accomplished using the following outline:
 - 1) Here is the activity and what I did.
 - 2) Here is what I learned.
 - 3) Here is how I think my students will benefit.

Each summarization should be an individual work - titled, including your name to avoid any miscommunication. Please use the exact same format outlined above for all fifteen activities chosen.

4. Please submit your responses in readable and coherent sentences. Your responses should adequately demonstrate your exploration of the material. Your response for each of the 15 activities should not exceed 2 double spaced pages.
5. Now proceed to section V. (roman numeral 5) to submit your work for credit and completion to Colorado Consulting Services.

II. If you have chosen **Mathematics** follow this thread:

1. As part of your initial registration package from Colorado Consulting Services you should have received the book *Mathematics on the Internet; Ameis and Ebenezer; ISBN 0-13-171582-8*. Read the four chapters in this book and visit a random number from of websites described in chapters 1 – 4 that apply most directly to your area of interest and teaching situation. Chapter 1 deals with Internet operation. Chapter 2 focuses on using the Internet to learn mathematics. Internet links to teaching resources are contained in chapter 3 and chapter 4 suggests resources for professional development.
2. Activities: There are 15 items that you will review for summary to complete this project.
 - 1) Chapter 1 – Go to the <http://www.col-ed.org/cur/> website and review three (3) mathematics lesson plans a grade level of your choosing. You will be writing a summary for each of the lesson plans chosen.
 - 2) Chapter 2 – There are eight examples given in this chapter with different suggestions for using the Internet to learn mathematics. Choose three (3) websites and review each in detail reflecting on how they could be of use in your teaching situation. You will be writing a summary for each of the websites chosen.
 - 3) Chapter 3 – Choose six (6) teaching resource websites from this chapter and review each in detail reflecting on how they could be of use in your teaching situation. You will be writing a summary for each of the websites chosen.
 - 4) Chapter 4 - Choose three (3) websites from this chapter and review each in detail reflecting on how they could be of use in expanding your knowledge of professional organizations and associations. You will be writing a summary for each of the websites chosen.
3. For each of the fifteen websites that you visited write a summarization of what you accomplished using the following outline:
 - 1) Here is the website I reviewed and a description of it's purpose.
 - 2) Here is what I learned.
 - 3) Here is how I think my students will benefit.

Each summarization should be an individual work - titled, including your name to avoid any miscommunication. Please use the exact same format outlined above for all fifteen activities chosen.

4. Please submit your responses in readable and coherent sentences. Your responses should adequately demonstrate your exploration of the material. Your response for each of the 15 activities should not exceed 2 double spaced pages.
5. Now proceed to section V. (roman numeral 5) to submit your work for credit and completion to Colorado Consulting Services.

III. If you have chosen **Science** follow this thread:

1. As part of your initial registration package from Colorado Consulting Services you should have received the book *Science on the Internet; Ebenezer and Lau; ISBN 0-13-060795-9*. Read the four chapters in this book and visit a random number from of websites described in chapters 1 – 4 that apply most directly to your area of interest and teaching situation. Chapter 1 deals with Internet operation. Chapter 2 focuses on using the Internet interactively to learn science. Internet links to teaching resources are contained in chapter 3 and chapter 4 suggests resources for the changing curriculum concepts.
2. Activities: There are 15 items that you will review for summary to complete this project.
 - 1) Chapter 1 – Review three (3) of the Internet guides and tutorial sites of your choosing. Consider which sites would be valuable for you or your students to learn more about using the Internet. You will be writing a summary for each of the sites you visited.
 - 2) Chapter 2 – There are several sites that offer examples of using the Internet interactively to learn science. Choose three (3) websites and review each in detail reflecting on how they could be of use in your teaching situation. You will be writing a summary for each of the websites chosen.
 - 3) Chapter 3 – Choose six (6) teaching resource websites from this chapter and review each in detail reflecting on how they could be of use in your teaching situation. You will be writing a summary for each of the websites chosen.
 - 4) Chapter 4 - Choose three (3) websites from this chapter and review each in detail reflecting on how they could be of use in expanding your knowledge of the conceptual changes occurring in scientific thinking. You will be writing a summary for each of the websites chosen.
3. For each of the fifteen websites that you visited write a summarization of what you accomplished using the following outline:
 - 1) Here is the website I reviewed and a description of it's purpose.
 - 2) Here is what I learned.
 - 3) Here is how I think my students will benefit.

Each summarization should be an individual work - titled, including your name to avoid any miscommunication. Please use the exact same format outlined above for all fifteen activities chosen.

4. Please submit your responses in readable and coherent sentences. Your responses should adequately demonstrate your exploration of the material. Your response for each of the 15 activities should not exceed 2 double spaced pages.
5. Now proceed to section V. (roman numeral 5) to submit your work for credit and completion to Colorado Consulting Services.

IV. If you have chosen **Social Studies** follow this thread:

1. As part of your initial registration package from Colorado Consulting Services you should have received the book *Social Studies on the Internet; Berson, Cruz, Duplass, and Johnston; ISBN 0-13-110808-5*. Read the thirteen chapters in this book and visit a random number of websites described in chapters 3 - 11 that apply most directly to your area of interest and teaching situation. Chapters 1 and 2 deal with operation and ethical issues of the Internet. Chapter 3 - 9 focus on using the Internet to explore a variety of social studies topics. Chapters 10 and 11 have resources for teaching controversial topics and to a diverse population. Chapters 12 and 13 contain Internet based curriculum planning and teaching resources.
2. Activities: There are 15 items that you will review for summary to complete this project.
 - 1) Chapter 1 & 2 – Review two (2) websites of your choosing. Consider which sites would be valuable for you or your students to learn more about Internet basics and appropriate use. You will be writing a summary for each of the sites you visited.
 - 2) Chapter 3 - 9 – There are numerous sites that offer examples of using the Internet to address social science topics. Choose six (6) websites and review each in detail reflecting on how they could be of use in your particular teaching situation. You will be writing a summary for each of the websites chosen.
 - 3) Chapters 10 & 11 – Choose four (4) websites from these chapters and review each in detail reflecting on how they could be used for teaching controversial topics and diverse populations. You will be writing a summary for each of the websites chosen.
 - 4) Chapter 12 & 13 - Choose three (3) websites from these chapters and review each in detail reflecting on how they could be used to create high quality instructional materials. You will be writing a summary for each of the websites chosen.
3. For each of the fifteen websites that you visited write a summarization of what you accomplished using the following outline:
 - 1) Here is the website I reviewed and a description of it's purpose.
 - 2) Here is what I learned.
 - 3) Here is how I think my students will benefit.

Each summarization should be an individual work - titled, including your name to avoid any miscommunication. Please use the exact same format outlined above for all fifteen activities chosen.

4. Please submit your responses in readable and coherent sentences. Your responses should adequately demonstrate your exploration of the material. Your response for each of the 15 activities should not exceed 2 double spaced pages.

Now proceed to section V. (roman numeral 5) to submit your work for credit and completion to Colorado Consulting Services.

V. Finishing the project and getting credit:

1. Mail your completed work as a Microsoft Word enclosure via email to me at richpark@mac.com for verification. If you do not hear from me within 72 hours call me [214-769-2477] to insure I've received your work. I've had emails get lost in cyberspace or enclosures become corrupted. I'll then send you the registration form to complete and send with your tuition to CCS at the following address:

Colorado Consulting Services
5320 E. Dakota Ave
Denver, CO 80246

You then receive credit for your work.

2. For technical questions related to this course please contact the instructor, Rich Park at richpark@mac.com or 214-769-2477.
3. For any other questions please contact CCS at 303-393-1622.