

RIVERS PROJECT

INTRODUCTION:

You are assigned the task of researching a topic and subtopic related to rivers of the world. These topics and subtopics include:

- ☐ **Agriculture: algal blooms OR over irrigation**
- ☐ **Hydroelectricity: migration of salmon OR disruption of habitat/human culture**
- ☐ **Commerce: invasive species and ballast water OR aquatic pet trade OR microbeads**
- ☐ **city development: sewage treatment**

GOALS OF THE PROJECT

1. Understand the topic you have chosen
2. Understand how the topic affects rivers around the world.
3. Evaluate the consequences placed upon rivers around the world by the either agriculture, hydroelectricity, commerce, or city development.
4. Create a five questions you would like to answer in your research
5. Present your research to class
6. Write an essay presenting the cause and effect humans have on rivers, as it pertains to your topic.

PRICE OF PROGRESS

Essential Questions

technology

Students understand that by using technology to adapt rivers people's lives can be improved.

How does adapting rivers by using technology impact people's lives?

economics/trade

Students understand that trade along rivers can boost local and city economies and development

Why would people choose to settle along rivers?

religion

Students understand that rivers play an important roles in different cultures and religions

What important role do rivers play in different cultures and religions?

pollution

Students understand that human activity can negatively impact the sustainability of rivers

How does human behavior negatively impact rivers?

☐ **PART 1: BACKGROUND INFORMATION**

- ☐ What is your topic?
- ☐ *What is the essential question that you wish to answer? (see above)*
- ☐ **EXTENSION:**
 - ☐ *your essential question could be either an opinion question which you state the reasons for or against the topic **OR***
 - ☐ *your question could offer solutions to the problems presented by your topic*

☐ **PART 2: RESEARCH ABOUT TOPIC:**

- ☐ develop a list of at least five questions you hope to answer from your research
- ☐ conduct research on chosen/assigned topic
- ☐ gather information from reliable books and websites
- ☐ record website and book names in order to give credit
- ☐ record and save research for future project

☐ **PART 3: ESSAY**

- ☐ write three paragraphs
 - ☐ ***First Paragraph: Background information about your topic***
 - ☐ introduce your topic and essential question
 - ☐ write about what you learned about the topic
 - ☐ be sure to use evidence/quotes specific to your topic
 - ☐ ***Second Paragraph: Background information about your sub-topic***
 - ☐ write about what you learned about the subtopic
 - ☐ be sure to use specific evidence/quotes specific to your subtopic
 - ☐ ***Third Paragraph: identify river(s) affected by the problem***
 - ☐ be sure to use specific evidence/quotes specific to your river(s)

☐ **PART FOUR: PRESENTATION**

- ☐ create a slideshow
 - ☐ Introduces your claim, topic, and subtopic
 - ☐ Include multiple images that relate directly to the three paragraphs from your essay
 - ☐ Include the URL address under the pictures for ALL the images used in your presentation
 - ☐ Identify a solution(s) to solving the problem identified in your essay
 - ☐ Include multiple images that relate directly to the solution to solving the problem identified in your essay
 - ☐ Include the URL address under the pictures for ALL the images used in your presentation
 - ☐ For all images used in the slideshow, write a brief caption no longer than two sentences in length
- ☐ Present
 - ☐

PROJECT SCHEDULE

DAYS: 1-3 RESEARCH

STEP 1:

*General research on a topic and subtopic using print media and a select few internet resources

STEP 2:

*Find rivers that supports your topic

STEP 3:

**Develop 5 questions that you are going to answer (you need to have basic knowledge about your topic in order to develop a question!). Make sure your question is not a yes or no question. If it is make sure you explain the “why or how”.

STEP 4:

*Continue more specific research that helps you answer your “essential question” and additional 5 questions. Save images along the way that you would like to put in your slideshow. REMEMBER: record your websites and books to keep track and to give credit!

DAYS 5-6 SLIDESHOW CREATION

STEP 1

*Collect 10 images for slideshow

*Organize images in an order that supports your writing. *REMEMBER: minimal words

DAYS 7-8 WRITING

STEP 1:

PROOFREAD!!!

STEP 3:

PEER PROOFREAD!!!

STEP 1

*Collect 10 images for slideshow

*Organize images in an order that supports your writing. *REMEMBER: minimal words