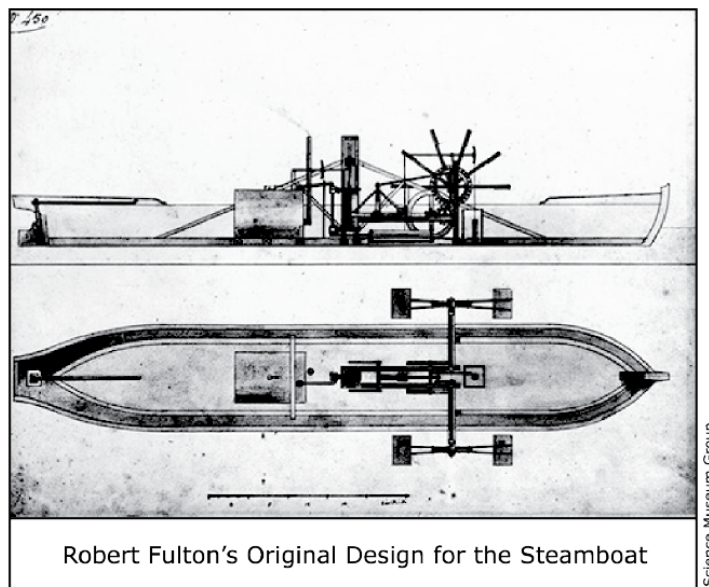


## Steam and Sail

- 1 Many people recognize that the growth of the railroads in the 1800s helped make the United States the country it is today. But railroads were only a piece of a larger puzzle. The United States was built on water as well as on land. Two inventions, the steamboat and the clipper ship, brought major changes to the country in the 1800s.

### Full Steam Ahead

- 2 On August 17, 1807, inventor Robert Fulton revealed his latest creation. It was a steamboat called the Clermont. The Clermont used a steam engine to drive paddle wheels on the sides of the boat. Fulton's boat sailed up the Hudson River from New York City to the state capital, Albany. The Clermont kept up a steady pace of 5 miles per hour against the flow of the river. The trip normally took most of a week. The Clermont did it in a day and a half.



- 3 After Fulton's success, people across the country started using steamboats. Steamboats were fast. They also had flat bottoms, which allowed them to travel in shallow water. Their speed and special design meant they could carry goods quicker and more cheaply than other boats. This led to trade over long distances using rivers.
- 4 The Mississippi River was particularly important for steamboats. The Mississippi and the rivers that feed into it, like the Ohio River, helped steamboats travel deeper into the interior of the country. As a result, trade along the rivers flourished. People built large towns along the rivers where goods were loaded on and off of the steamboats. This drew more people west, expanding where the U.S. population lived.

### Tea Races and Gold Rushes

- 5 Across the ocean in Great Britain, demand for tea was at an all-time high. Whoever had the fastest ship could make the most money by bringing their tea to market first. Shipbuilders in Great Britain and the United States started making fast sailing ships. The new ships had as many sails as possible. Some had more than thirty! They were also longer and narrower than older ships. These ships were designed to travel “at a good clip”<sup>1</sup> over ocean waves instead of smacking into them. They were the first clipper ships.



- 6 But why were people building new sailing ships when they could build steamships, which were much larger versions of steamboats that could cross oceans? First, steam power was still new. Early steam engines could fail or explode without warning. Second, steamships needed fuel. That meant stopping many times during a long ocean voyage. Fuel also took up space that could be used for cargo.
- 7 Third, sailing ships were still faster than steamships. Steamships could not keep up. Early American clippers like the *Rainbow*, built in 1845, quickly set speed records wherever they went. The first American clipper to bring tea to London made the trip a month faster than older ships. Clippers were soon competing in “tea races” to get their tea to London first.
- 8 Clippers also used that same speed in and around the United States. Gold was discovered in California in 1848. Thousands of people traveled to San Francisco to seek their fortunes. That was the Gold Rush. Many of those people traveled by sea, and the fastest way to do that was by clipper. Getting there faster meant that you had a better chance of finding gold before someone else did. Clippers also brought huge amounts of supplies to the growing city.

### The Next Big Things

- 9 As time went on, both clippers and steamboats started to fall out of use. Steamboats were replaced by the expanding railroad. For clippers, the competition came from steamships. Steamships had finally become fast and reliable. When the Suez Canal opened in 1869, people no longer had to sail around Africa to reach China. Eventually, new modes of transportation would be built. All of them would bring changes to the United States.

<sup>1</sup> To move “at a good clip” means to move at a fast pace.

Read the article “Steam and Sail”. Based on the information in the article, write a response to the following:

Explain whether you think the steamboat or the clipper ship changed life in the United States.

Write a well-organized argumentative essay that uses specific evidence from the article to support your answer.

Remember to –

- clearly state your central idea
- organize your writing
- develop your ideas in detail
- use evidence from the selection in your response
- use correct spelling, capitalization, punctuation, and grammar

Manage your time carefully so that you can –

- review the selection
- plan your response
- write your response
- revise and edit your response

Write your response in the box provided.

## Blue-Organization and Structure of Writing-Introduction, Body, and Conclusion with Transitions

- Does your writing contain an introduction, body, and conclusion?
- Did you answer the prompt by paying attention to the explanation statement?
- Did you provide relevant evidence in the body?
- Did you explain the text evidence that you chose to include?
- Did you write a conclusion? Is your conclusion congruent with your thesis, central idea, or claim statement?
- Does your writing contain transitions or transitional phrases?

## Green-Selection and Inclusion of Relevant Text Evidence

- Did you provide relevant evidence that supports your introduction/answer/claim or central idea?
- Does the evidence make sense?
- Did you provide at least two pieces of key evidence?

## Yellow-Precise Details and Depth of Thought













- Did you explain your evidence?
- Is there depth of thought and reflection in your explanation?
- Does your explanation go directly with your evidence?
- Did you include any truisms or beliefs? If so, do they make sense?

## Red-Conventions

- Does every sentence start with a capital letter?
- Did you capitalize I?
- Did you capitalize proper nouns or proper adjectives?
- Do you have more than 5 sentences?
- Did you end each sentence with a period, question mark, or exclamation point?
- Did you use commas and quotation marks wisely?
- Are your sentences varied? Did you include simple, compound, and complex sentences?
- Did you read over your writing and check for your spelling to make sure that there are no typing errors? Did you check it three times?
- Did you choose a variation of words and not repeat words over and over? Did you rename words when possible?













## Reader's Rubric with Extended Constructed Response

Score\_\_\_\_\_

<b>Organization</b> Structure Introduction Central Idea, Thesis, or Claim Body Conclusion Transitions Transitional Phrases		<b>Relevant Text Evidence</b>  <ul style="list-style-type: none"> <li>logical</li> <li>relevant</li> </ul>		<b>Precise Details</b> (Explanation of Evidence and Depth of Thought)  Reflection		<b>Conventions</b> <ul style="list-style-type: none"> <li>Spelling</li> <li>Capitalization</li> <li>Punctuation</li> <li>Grammar</li> <li>Sentences</li> </ul> 	
<b>Yes</b> 	1 point	<b>Yes</b> 	1 point	<b>Yes</b> 	1 point	<b>Mostly</b> 	2 points
						<b>Somewhat</b> 	1 point
<b>No</b> 	0 points	<b>No</b> 	0 points	<b>No</b> 	0 points	<b>Not evident</b> 	0 points

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Score\_\_\_\_\_

<b>Organization</b> Structure Introduction Central Idea, Thesis, or Claim Body Conclusion Transition Transitional Phrases		<b>Relevant Text Evidence</b>  • logical • relevant		<b>Precise Details</b> (Explanation of Evidence and Depth of Thought)  Reflection		<b>Conventions</b> <ul style="list-style-type: none"> <li>• Spelling</li> <li>• Capitalization</li> <li>• Punctuation</li> <li>• Grammar</li> <li>• Sentences</li> </ul> 	
<b>Yes</b> 	<b>1</b> point	<b>Yes</b> 	<b>1</b> point	<b>Yes</b> 	<b>1</b> point	<b>Mostly</b> 	<b>2</b> points
						<b>Somewhat</b> 	<b>1</b> point
<b>No</b> 	<b>0</b> points	<b>No</b> 	<b>0</b> points	<b>No</b> 	<b>0</b> points	<b>Not evident</b> 	<b>0</b> points



**Color It Up! (Student Copy)**

**Prompt:** Steamboats and clippers were popular forms of transportation in the United States in the 1800s. Explain whether you think the steamboat or the clipper ship changed life in the United States more.

**Number 1**

Score\_\_\_\_\_

I think the Clipper and the Steamboats changed America forever because thanks to those two boats we are making more inventions today then ever.

**Number 2**

Score\_\_\_\_\_

In August 17, 1807 a person named Robert Fulton revealed the Clermont the Clermont was a streamship.The ship had narrow front to go faster in the water.Another boat called the clippers boat.The clipper was built in NY(New York)in 1845.Both of those boatswould bring changes to the United states of America.

**Number 3**

Score\_\_\_\_\_

i think that the clippers changed life the most because i moved faster than any other boat at that time and it was theright tim to make it because of of the gold rush.

**Number 4**

Score\_\_\_\_\_

in the paragraph steam and sail , i think steamboats do alot more than the clippers because clippers only helped with london , to get tea faster. while steamboats helped alot more than clippers. they helped with people wanting to travel , make new towns and land , help the usa expaned , and they where faster and reliable they where really good use also when the clippers came along , they beat the 'competition' in clippers



**Prompt:** Steamboats and clippers were popular forms of transportation in the United States in the 1800s. Explain whether you think the steamboat or the clipper ship changed life in the United States more.

**Number 5**

Score \_\_\_\_\_

Steam Boats and Clipper were two very good transportation boats but I think the clipper changed life in the 1800's more. I think this because it made a lot of rivalry between everyone. Especially when they found gold in California, because it says in paragraph eight that "Thosands of pepole travled to San Francisco to seek there fortunes." There could have been thousands of pepole going there. So that is why I think that The clipper changed life back then more than the Steam Boats.

**Number 6**

Score \_\_\_\_\_

I claim that in the 18hundreds the clippers wer more usefull because the clippers where maid to battle the taid and the current while the steamboat yes could fight the curennts and tides they could not however sail faster than a clipper in tea races and gold rush it states that people used the clippers because the steam ship could dblow up at any time steamboats also if the engine runs out your stranded unless you swiim back to shore witch is not very safe because of sharks and other sea critters . also during the gold rush most people used clippers because clippers could cut through the tide while steamships had a high chance of blowing . and that is why i think clippers where more ussfull then steam boats and ships.

**Number 7**

Score \_\_\_\_\_

If I had to choose ethier steamboat or clipper ships which one changed america more I would have to say clipper ships because like said in the passage "they quickly set speed records." which means they are fast so the could help america attack some place we are fighting and hope fully win. They also stated "gold was found in cailoforma in 1848. Thousands of people travel to San Francisco to seek their fortunes." plus "many of those people travel by sea tand the fast way to get their is by clipper." Which means that they were very fast and useful to people during the gold rush! The us also had tea races which needs a fast boat like a clipper. Thats why I think clippers are more useful to the us than steam boats.

**Prompt:** Steamboats and clippers were popular forms of transportation in the United States in the 1800s. Explain whether you think the steamboat or the clipper ship changed life in the United States more.

**Number 8**

Score \_\_\_\_\_

I think that Clipper's changed the United states transportation because they were fast and people could get places faster and it was fun to race in them. They also brought good economy to the contry because they could ship things faster to place's and ship the good's to people and make good profit. The clipper's also helped people get to California during the gold rush because they were so fast they got people there before other's could get gold that would have been their's so they served very usefull to people during that time and hade served a great purpose to people for london because people wanted tea as a high demand and whoever got there first with their tea they could go and sell it and make a profit from it. I belive that if these hadn't been created that we probably woldne't have as many cities as we did back then right now so those increased how many people came to the U.S. all those years ago and made it their home. I also think that people would not have taken all the gold that was probaly in California too but that isn't a problem right now I think that everyone would have demanded tea even more to prices soo high that people wouldn't have had any homes and there would be no profit for people to get but if the stocks were good people got good prices for tea not high ones that they couldn't pay and whoever got there first got the profit. These are all the things that I belive are benifits of why these are important to the U.S.

**Number 9**

Score \_\_\_\_\_

I believe the steamboat was a look into the new age, inventor of the steamboat Robert Fulton was one of the first people to star using technology based machines in the United States. Though it was a clear cut industrial succes the steamboat did cause many other succeses including the elctric car, iphone and many other things we use today.

The clipper was the fastest of its time and in the mid 1800s single handeldy stopped the British from going into debt. The clipper also caused a spike in the amercian economy as well, they transported good to California during the gold rush and also helped move goods acroos the east coast as well.

One fatal flaw that caused the clipper to be stuck in the past is its lack of inovation, the Steamboat could be expanded upon but you cant add 30 more sails to a ship that cant have any more. The Steamboat also caused the much more useful steamships which transported goods all along the world.

The steamboat will always be remembered as pushing us through the boundries of human knowledge and through to the world of technological advancemnets we all desire. The clipper will always be an invention built on by great minds. But what woul you rather, a new and revolutionary idea, or a 1700s invention built on a centruy later.

**Prompt:** Steamboats and clippers were popular forms of transportation in the United States in the 1800s. Explain whether you think the steamboat or the clipper ship changed life in the United States more.

**Number 10**

Score \_\_\_\_\_

I think that clippers changed life in the United States they didn't need any fuel, they had more cargo space, they were faster than steam boats. They both traveled in the water but I think that clippers changed life more than steamboats. That's what got people to come to the United States.

Clipper changed life in the United States because they didn't need fuel which means you don't need stop and put fuel in the middle of nowhere. No fuel made a trip faster than using a steamboat because steamboats actually do need fuel so that makes the trip a bit longer. And they wouldn't make faster than a clipper to drop off the tea first.

Steamboats were little but clippers were bigger which meant more cargo space more trading and more money to expand the United States. They could carry all kinds of things to trade and earn money. I think that clipper actually made life in the United States better.

Clippers were fast and had many sails. The faster the better because if you were racing someone to drop off tea you would win if the person had a steam boat because they would have to stop and put fuel many times and you wouldn't because clippers don't need fuel they are wind powered and have thirty or more sails.

I personally think that clippers are better than steamboats and changed life in the United States they are better in many different ways they don't need fuel, they have more cargo space, they go faster than steamboats. My opinion is that they really really changed life in the United States

**Number 11**

Score \_\_\_\_\_

There were many ships, railroads, and other kinds of transportation that helped change and modernize the United States more. In that specifically, ships. Now there are many kinds of boats and ships, but I think that the clipper ship changed the United States more. 1. It helped to bring tea to countries in a much faster way. 2. Ships that sail were a lot faster than the ships that use steam.

First of all, the clipper ship helped bring tea to countries in a much faster way. Tea was in a greater demand for an all-time high. So, the clipper ships helped bring those tea in a much faster way and could handle many sails! Some ships had more than thirty sails! The first American clipper ship made the trip to London a month faster than the older ships.

Lastly, Ships that sail were a lot faster than the ships that used steam. Steam ships could not keep up at all with the clipper ships. Early American clipper ships, such as the Rainbow which was built in 1845, quickly set speed records wherever it went! Soon, these ships were racing to see who could reach to London and give the markets the tea first!

In conclusion, I think that clipper ships helped change the United States more. That's because it helped to bring tea to countries in a much faster way, and ships that sail were much faster than ships that used steam. So, do your part in honoring the clipper ships and thank it for bringing all these good changes to our country!

Score \_\_\_\_\_

**Prompt:** Steamboats and clippers were popular forms of transportation in the United States in the 1800s. Explain whether you think the steamboat or the clipper ship changed life in the United States more.

**Number 12**

Score \_\_\_\_\_

In my opinion I think that steamboats changed more live's than the clipper did. This in because they are fast and can travel quickly through the water. They helped bring goods to other parts of the country to build large towns along the river. They can hold a lot of cargo and sometimes would trade with people along the way. The Steamboats set a record of time of traveling from the Hudson River to Albany, New York in just a day and a half.

First, steamboats helped bring goods along the water to builders that are building towns. The boats were quick so it would help the constrution workers build the towns faster so that citizens could live in the houses and continue with their life. This changes peoples lives because they can live in houses so they can be protected and can survive.

Next, steamboats can hold a lot of cargo. The cargo helps with construction miles away. The steamboat can deliver cargo to other people miles away for food or supplies. This will help people miles away get what they need to live and grow. Some people would trade with the cargo on steamboats. This would help by making less trips from here or there.

Last, steamboats held a record time of going from the Hudson River to Albany, New York. This trip only took a day and a half when it usually was a week to get there from the Hudson River. This helps people because there is faster transportation. Faster transportation will help people get from a place to another place very quickly.

To sum it up, I think that the steamboat changed more people's lives than the clipper. The steamboat help give supplies from a place to another place. They hold a lot of cargo and some of the cargo is being traded by people along the river that are in need of that certain thing. It also helped people's lives because it set a new record of spped on water which can help people get from one place to another quickly than in a week or two.

**Teacher Copy**

Color It Up!

**Prompt:** Steamboats and clippers were popular forms of transportation in the United States in the 1800s. Explain whether you think the steamboat or the clipper ship changed life in the United States more.

**Number 1**

**Score 0,0**

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**Number 2**

**Score 0,0**

In August 17, 1807 a person named Robert Fulton revealed the Clermont the Clermont was a streamship. The ship had narrow front to go faster in the water. Another boat called the clippers boat. The clipper was built in NY(New York) in 1845. Both of those boats would bring changes to the United states of America.

**Number 3**

**Score 1,0**

i think that the clippers changed life the most because i moved faster than any other boat at that time and it was theright tim to make it because of of the gold rush.

**Number 4**

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in the paragraph steam and sail , i think steamboats do alot more than the clippers because clippers only helped with london , to get tea faster. while steamboats helped alot more than clippers. they helped with people wanting to travel , make new towns and land , help the usa expaned , and they where faster and reliable they where really good use also when the clippers came along , they beat the 'competition' in clippers



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**Number 5**

**Score 1,1**

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**Number 6**

**Score 2,0**

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**Number 7**

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**Number 8**

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**Number 9**

**Score 2,2**

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**Number 10**

**Score 3,1**

I think that clippers changed life in the United States they didn't need any fuel, they had more cargo space, they were faster than steam boats. They both traveled in the water but I think that clippers changed life more than steamboats. That's what got people to come to the United States.

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