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Lesson Title: What Will the Internet Bring

Grade Level: Grade 11-12

# Essential Question: How has the internet changed society?

## Lesson Foundations

### Content Standards

* American History 8. The rise of corporations, heavy industry, mechanized farming and technological innovations transformed the American economy from an agrarian to an increasingly urban industrial society.
* American History 10. Immigration, internal migration and urbanization transformed American life.
* Contemporary World Issues 14. The development and use of technology influences economic, political, ethical and social issues.

### Learning Objectives

* LO1. Students will be able to examine the impacts that railroads and the internet had on society.
* LO2. Students will be able to compare and contrast the spread of ideas via transcontinental railroads versus the internet.

### Assessments

1. Jigsaw Packet
2. Check for Understanding
3. Venn Diagram
4. Exit Ticket

### Materials & Resources

* Sources:
1. [What the Railroad Will Bring Us](http://www.wealthandwant.com/HG/what_the_railroad_will_bring_us.html) (http://www.wealthandwant.com/HG/what\_the\_railroad\_will\_bring\_us.html)
2. [How Railroads Forever Changed the Frontier](https://www.americanheritage.com/how-railroads-forever-changed-frontier#1) (https://www.americanheritage.com/how-railroads-forever-changed-frontier#1)
3. [What the Internet Will Bring Us](http://origins.osu.edu/history-news/what-internet-will-bring-us) (http://origins.osu.edu/history-news/what-internet-will-bring-us)
4. [The Impact of the Internet on Society: A Global Perspective](https://www.bbvaopenmind.com/en/articles/the-impact-of-the-internet-on-society-a-global-perspective/) (https://www.bbvaopenmind.com/en/articles/the-impact-of-the-internet-on-society-a-global-perspective/)
* Jigsaw Packet with Questions and Venn Diagrams
* Writing Utensils

## Instructional Procedures/Steps

### Opening: 5 Minutes

1. To begin class, review the causes and effects of the Industrial Revolution on the United States.
	1. What led to industrialization in America?
	2. What were some of the effects on American society?
	3. What were some of the inventions produced as a result of the Industrial Revolution?
	4. In what ways did these inventions contribute to the increase of industrialization in America?
2. Divide students into four separate groups, each group with around 6 or 7 students. Each group will focus on one of four primary sources or articles.
	1. Group 1 – How will the internet change society?
	2. Group 2 – How did the internet change society?
	3. Group 3 – How will railroads change society?
	4. Group 4 – How did railroads change society?
3. Once each group has been created, give each group their primary article and the questions that are associated with it.

### Instruction: 40 Minutes

#### Jigsaw

##### Intro Jigsaw:

1. Students will be assigned one of four articles. While reading their article, students will be considered the experts of this specific topic as they answer questions that go along with the corresponding article

##### Jigsaw Part I – Expert Groups

* + - 1. Group 1: What Will the Internet Bring; This group will have students read “What the Internet Will Bring Us” and see how people believed that the internet might impact the world before the internet really began to grow
			2. Group 2: What the Internet Brought; This group will have students read “The Impact of the Internet on Society: A Global Perspective” and see how the internet has impacted society
			3. Group 3: What Will Railroads Bring; This group will have students look at how people believed railroads would impact society
			4. Group 4: What Railroads Brought; This group will have students look at how railroads impacted society
			5. Supporting Questions
				1. What are some similarities that you may see between railroads and the internet?
				2. How does the date of your article impact the message?
				3. What are ways that railroads connected the world?

##### Check for Understanding

1. What are some ways that railroads impacted society?
2. What are some ways that the internet impacted society?

##### Jigsaw Part II – Mixed Groups:

Once students have finished their expert group article, give each student in the four beginning groups a number ranging from 1-7. Students will move to be with their new mixed group where they will use the information from their expert groups to share important concepts and ideas from their original article. As each member is explaining their expert group, students who are listening will be taking notes in a 3 column chart in their jigsaw packet. They will be asked to use this information to create a Venn Diagram comparing the impacts of railroads and the internet.

#### Venn Diagram

* 1. Once students have collaborated their information with one another, students will be given a Venn Diagram comparing railroads and the internet.
		1. Compare and contrast the impacts of railroads and the internet on American society.
	2. After each group has completed their Venn Diagram using the information and what they have discussed, begin a whole class discussion that brings together all of the groups ideas
		1. How did people think that railroads would impact society?
		2. Does this align with what was said in the article written after the spread of railways?
		3. How did people think that the internet would impact society?
		4. Does this go along with the article written after the internet’s influence?
		5. How do you believe that the internet has impacted society?
		6. Looking at the Venn Diagram, what differences does the internet and railroads have?
		7. What are some similarities between the two?
		8. What are these similarities rooted in?

#### Transitioning

 Transition into closing by passing out Exit Ticket worksheet where students will use the class discussion to help support their responses.

### Closure: 5 Minutes

1. On the back sheet of their jigsaw questions packet, there will be the ending **Exit Ticket (Assess)** of the period. Have students respond to the final question where students give their comparisons of the impacts of railway systems and the internet have had on society.
	1. Explain the similarities and differences of the impacts that the railway systems of the 1800s versus the internet of the 21st century.

### Accommodations/ Enrichment

* Accommodations
	+ For each document, there will be a word bank for difficult words
	+ Highlighting important concepts within each article.