

Option 7: Cyberspace & Cybersecurity

Our lives have been shaped by the Internet. From the first thing people connect to in the morning to often the last thing people look at before going to bed, the Internet entertains, informs, connects us, and so much more. As the Internet has changed from a way to connect a few about government issues to linking people worldwide, there are persistent dangers and concerns that leaders of countries down to regular citizens need to be aware of and prepare for as cyberspace and cybersecurity become the newest area to monitor in foreign policy.

THESIS (to be completed after working on the summative) __ is an important topic to explore because __ and it relates to foreign policy/impact of conflict because _ _ _ _

Directions: This WebQuest will have you explore the background of the topic to learn how governments need to respond to protect themselves and their citizens.

What are Cyberspace and Cybersecurity?		Partner work
Watch the video and record 5 important ideas about the background.		Provide feedback for World 101 about the video: 3 things I liked about the video 2 areas that could be improved 1 question I still have
The Internet by the Numbers: In a world where internet access is increasing, digital divides remain.		Partner work
Who has the internet first (2000)?		- Create a WordArt to show the way the Internet has expanded and include each section of notes - Write a letter to world leaders about the need to expand the Internet in their country and how it would benefit the people (include citing examples from
When does the southern hemisphere begin to get Internet? Why does that matter?		
What does the world look		

like in 2019? Who still needs Internet?		the infographic) - Make a Canva or Kahoot to educate others about the background - Make a political cartoon to show how the Internet is used and who has the most access to it around the world or the US (race, age, community) - Find a current event article about Internet use and summarize the article. How does it connect to what you learned here?										
Looking at the infographic, how do people use the Internet? How do <i>you</i> use the Internet compared to others?	How People Use the Internet Internet users say they spend about 6.5 hours a day online. What do they do there? They have fun: Netflix has 125m subscribers, about 1m people are always watching Twitch. 2018 data They spend information and updates to friends and colleagues: 269bn emails are sent and received each day. They run errands: According to one survey 42% of global respondents say they paid a bill using their mobile device. They pursue education: Online education is worth \$165bn and is projected to reach \$275bn by 2025. They keep in touch with old friends and make new ones: 2.2bn people are monthly active users on Facebook.											
<u>Internet Use Over Time in the United States:</u> Choose one topic and complete the prompt based on what you learned from the chart.	<table><tr><td>Click on "community". Who has better access to Internet?</td><td>If you look at "age" and choose one age, what happens to their access?</td><td>By "income", are you surprised by who has access to the Internet? Why or why not?</td><td>What are the results of different "races" having access to Internet?</td><td>What do you think about the differences in "education"?</td></tr><tr><td colspan="5"></td></tr></table>		Click on "community". Who has better access to Internet?	If you look at "age" and choose one age, what happens to their access?	By "income", are you surprised by who has access to the Internet? Why or why not?	What are the results of different "races" having access to Internet?	What do you think about the differences in "education"?					
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<u>At least one fact is constant across regions: young people are driving internet use.</u> After reading this section, what are 2-3 things you can relate to?												
<u>How Does Cyberspace Work?</u> From under the ocean (or up in space) to your pocket, learn how information is transferred across the internet.												
What role do the private industry and government play in cyberspace?		Which agreement has been more important - 1967 Outer Space Treaty or the 1982 UN Convention on the Law of the Sea (UNCLOS)? Why?										
<u>The Origins of the Internet</u>		Partner Work										

1962 - 1982: Military and Security Origins of Arpanet <i>What role did the Cold War play? Choose an event and explain why this event was important.</i>		- Research a different event from each time period and write what you learned in another font color or choice - Create a visual timeline to show what your group learned about the events - Create a sticker (water bottle, bumper, political agenda) to show your opinion on one of the events
1983 - 1991: From Arpanet to the Internet <i>Which event had the most impact on the Internet?</i>		
1992 - 1998: Commercialization and Public Use of the Internet <i>How did this time period change the Internet for us all?</i>		
<u>Should the Internet Respect National Borders?</u> The United States supports internet freedom. China, a proponent of cyber sovereignty, disagrees.		Partner Work
Choose a position and provide evidence that supports the position (on US side of internet freedom or China with more boundaries).		Choose the alternative position and provide evidence.
<u>Social Media: Revolutionizing Communication</u>		Partner Work
How has social media connected people?	Social media democratizes (makes it available for the people) information: Why was this shift important? Social media drives mass participation: How could this help in the US? Social media helps raise awareness: What cause would you like to draw attention to, like the Ice Bucket challenge?	- Find a current event article about Social Media and explain whether people should be concerned about its influence - Make a political cartoon that showcases what was covered by this section

How has social media harmed people?	Social media enables state surveillance: Why is it important this is happening? Social media is subject to state censorship: What is the impact of this? Social media enables the spread of disinformation: What happens as a result of this?	
How Companies and Governments Do (and Don't) Protect Your Data		Partner Work
What should others know about General Data Protection Regulation (GDPR)?		Provide feedback - what like that they are doing or how they could do better?
What Is Cryptocurrency?		Partner Work
What is a cryptocurrency, and why is it valuable? → watch the video on <i>Monetary Policy</i> or follow Ella's story.	How does the need for cybersecurity intersect with what you learned about "Cryptocurrency"?	- Research a type of cryptocurrency and summarize what you learned - Complete the other option - Find a current event article about cryptocurrency that adds more information to the topic
Scroll to "How have people abused, or been hurt by, cryptocurrency?". What are concerns related to this type of concern?		
The Growing Threat of Cyberattacks		Partner Work
Create a list of "two truths and a lie" after watching the video.		- Create your own version of "two truths and a lie".

PART THREE: Connection to the Unit - each response should be 2-3 sentences

Partner One: _____	Partner Two: _____
1. What is the connection to this unit, Political Systems (impact of conflict)? 	5. What should someone know about this topic as it connects to foreign policy (how countries get along)?
2. What should be done by governments to best protect themselves and their citizens? 	6. What are 2 carrots countries use to protect themselves and its citizens? How would the carrots help?
3. What national interests are key to understanding cyberspace and cybersecurity? 	7. What are 2 sticks to use in order to promote either the US or China's view on the Internet?
4. What is the most important thing you learned from this summative? 	8. What is the most important thing you learned from this summative?