

Internet Dilemmas

Your Tasks (Mark these off as you go)

- ☐ Assign group roles
- ☐ Define key vocabulary
- ☐ Choose a dilemma
- ☐ Review the Internet Dilemma Policy One-Pager template and rubric
- ☐ Review the concept bank
- ☐ Review your sources
- ☐ Complete the Internet Dilemma Policy One-Pager
- ☐ Present your Internet Dilemma Policy One-Pager
- ☐ Receive credit for this lab guide

☐ Assign group roles

Before you continue, collaborate with your group, and assign each person a role. Each role and a description are provided below. Record the role of each group member below,

Project manager (PM)	Leads the team discussion and keeps the team on task and on schedule. Make sure the final lab is submitted.
Recorder (R)	Records answers for the team, or ensures that all members have correct answers.
Communication Specialist (CS)	Presents answers (or questions) to the class, instructor, or other teams.
Strategic Analyst (SA)	Considers how the team is working and ensures all voices are heard

Name	Role

☐ Define key vocabulary

Net neutrality

Internet Censorship

Digital Divide

□ Choose a dilemma

Today, you are going to pretend that you are the Technology Advisory Team for a candidate running for elected office. Your candidate is relying on you to help inform her about important technological dilemmas and come up with good policy ideas to address them. You will investigate a social dilemma related to the Internet and prepare a report summarizing your findings and make a policy recommendation for your candidate.

Review the three different dilemmas: Net Neutrality, Internet Censorship, and the Digital Divide. Then circle the dilemma your team will investigate.

Net Neutrality	Internet Censorship	The Digital Divide
Background: Internet users love services like streaming movies, video chatting, or online gaming. All of this content needs to travel over the Internet, however, and the companies that build and maintain networks are complaining about the increased demands being placed on their networks. Your candidate is hearing more and more about a debate called “net neutrality” and would like a more informed opinion as part of her platform.	Background: While the Internet is used to share many useful services and information, there are growing concerns about the way that the Internet can be used to spread damaging information ranging from national secrets to calls for violence. Censoring this information may provide some people with increased security, but potentially risks free speech and the safety of social and political activists. Your candidate would like to have a policy that balances these two concerns in a way that makes sense for our digital age.	Background: While technology is increasingly integrated into daily life, there are still many who lack access to the Internet or digital technology. In rural areas there are challenges building networks to connect geographically sparse populations, but even in cities some groups or areas have relatively less access to the Internet or knowledge of how to use it. Your candidate is worried that while technology is bringing social and economic benefits to many, there are others being left behind.
Core Question: When and how should internet service providers be allowed to treat some kinds of internet traffic different from others?	Core Question: When and how should the government be allowed to censor or block internet traffic, if at all?	Core Question: When and how should resources be invested to close gaps between those who do and don't use the Internet?
Impacted Groups <ul style="list-style-type: none">• Internet Service Providers (ISP)• Internet Content Provider• Everyday internet Users	Impacted Groups <ul style="list-style-type: none">• Everyday internet user• Intelligence Agencies• Political activists	Impacted Groups <ul style="list-style-type: none">• Those lacking internet access• Internet Service Providers (ISP)• Schools and libraries
Sources <ul style="list-style-type: none">• "How the end of net neutrality could change the internet" (video): link• "'Net Neutrality' is ending. Here's how your internet could change" (article): link• "Wikipedia - Net Neutrality": link	Sources <ul style="list-style-type: none">• "Free Speech Or Hate Speech: When Does Online Hate Speech Become A Real Threat?" (audio article): link• "Internet Censorship Explained" (video): link• Wikipedia - Internet Censorship: link	Sources <ul style="list-style-type: none">• "Eliminating the Digital Divide" (video): link• "Internet/Broadband Fact Sheet" (article): link• Wikipedia - the Digital Divide: link

□ Review the Internet Dilemma Policy One-Pager template and rubric

Review the One-Pager template and rubric to make sure your group understands what you will be responsible for creating and how it'll be evaluated.

Internet Dilemma Policy One-Pager –

<https://hpluska.github.io/APCompSciPrinciples/labs/2122/InternetDilemmas/OnePager.docx>

Rubric –

<https://hpluska.github.io/APCompSciPrinciples/labs/2122/InternetDilemmas/Rubric.docx>

□ Review the concept bank

This concept bank includes the key terms and concepts covered in this unit. Quickly review them before reading your articles so that you'll be ready to identify them in your articles. You can also refer to these as you complete your one-pager.

Protocols / Layers	Networks	Packets and Routing	World Wide Web	Internet Principles
Physical internet, IP, TCP, UDP, HTTP, DNS	Fiber optic cable, copper wire, wifi, router, path, direct connection, bandwidth	Packet metadata, IP addresses, dynamic routing,	Web pages, browsers, servers, domain, world wide web	Redundancy, fault tolerance, scalability, open protocols

□ Review your sources

Review the three sources provided or additional ones you find online. For each source take notes on instances when your impacted groups are mentioned or when technical details are explained.

Net Neutrality	Internet Censorship	The Digital Divide
Sources <ul style="list-style-type: none">"How the end of net neutrality could change the internet" (video): link"'Net Neutrality' is ending. Here's how your internet could change" (article): link"Wikipedia - Net Neutrality": link	Sources <ul style="list-style-type: none">"Free Speech Or Hate Speech: When Does Online Hate Speech Become A Real Threat?" (audio article): link"Internet Censorship Explained" (video): linkWikipedia - Internet Censorship: link	Sources <ul style="list-style-type: none">"Eliminating the Digital Divide" (video): link"Internet/Broadband Fact Sheet" (article): linkWikipedia - the Digital Divide: link

□ Complete the Internet Dilemma Policy One-Pager

Now that you have completed researching your Internet Dilemma, it's time to complete the Internet Dilemma Policy One-Pager. As a group decide what you want to write for each section of the One-Pager. Your group only needs to complete one copy.

Internet Dilemma Policy One-Pager –

<https://hpluska.github.io/APCompSciPrinciples/labs/2122/InternetDilemmas/OnePager.docx>

□ **Present your Internet Dilemma Policy One-Pager**

Your communications specialist will present your Internet Dilemma Policy One-Pager. Be sure to include the following points in your presentation,

- Identify the dilemma
- Indicate the core question
- Identify your policy
- Identify how your policy has the potential to benefit and harm different stakeholders

□ **Receive Credit for this lab**

Only the project manager should submit the Internet Dilemma Policy One-Pager. Each person in your group must submit this portion of the lab to Pluska to receive credit for the lab guide.