

Lesson 8: Project Internet Dilemmas Part 2

Overview

Students finish working on a two-day project exploring a dilemma at the intersection of the Internet and society.

Purpose

In this project, students explore a relevant Internet dilemma: Net Neutrality, Internet Censorship, or the Digital Divide. Students apply their knowledge of how the Internet works to address the core question related to their chosen dilemma. These project lessons address the "so what" question - why is it important to learn about how the Internet works?

Standards

Full Course Alignment

CSP Conceptual Framework

- **IOC-1** - While computing innovations are typically designed to achieve a specific purpose, they may have unintended consequences.

CSTA K-12 Computer Science Standards (2017)

- **IC** - Impacts of Computing

Agenda

Lesson Modifications

Warm Up (5 minutes)

Activity (39 minutes)

Policy One Pager

Share Out

Wrap Up (1 minutes)

Assessment: Submit

Objectives

Students will be able to:

- Identify how an internet dilemma has the potential to benefit and harm different stakeholders
- Identify the ways the technical structure and design of the Internet contributes to a social dilemma

Links

Heads Up! Please make a copy of any documents you plan to share with students.

For the teachers

- **CSP Unit 2 - The Internet** - Slides

For the students

- **Internet Dilemmas** - Project Guide

Teaching Guide

Lesson Modifications



Attention, teachers! If you are teaching virtually or in a socially-distanced classroom, please read the full lesson plan below, then click **here** to access the modifications.

Warm Up (5 minutes)

Remarks


Yesterday you began researching for your Internet Dilemma Policy One Pager. Today you will write the One Pager and then share what you've learned.

Teaching Tip

Get to the Activity: The warm-up is short today. Continue on to the activity as soon as possible to give students the maximum amount of time to complete their one-pagers.

Activity (39 minutes)

Policy One Pager

 **Do This (30 mins):** Students complete each section of the Internet Dilemma Policy One Pager found in **Internet Dilemmas**.

Teaching Tip

Role of the Assessment: In this lesson, students finish a two day project where they demonstrate their understanding of key issues surrounding the Internet. This project is designed to be used in tandem with the Unit 2 Assessment to evaluate student progress in Unit 2 content.

Share Out

Remarks

Nice work! We are going to take the rest of class to share out what we've learned about these Digital Dilemmas. I'd like to ask for a couple of volunteers for each Dilemma to quickly share what they've learned about their topic and their recommendations.

Teaching Tip

Keep an eye on the time for the share out. Students only have a minute or two to share their thoughts. The most important thing is that each dilemma should get equal coverage.

 **Share Out:** Net Neutrality

 **Share Out:** Internet Censorship

 **Share Out:** The Digital Divide

Wrap Up (1 minutes)

Remarks

These dilemmas are tough - that's what makes a good dilemma. But hopefully you can now understand why it is so important to understand how the Internet works. You are now prepared to thoughtfully engage in these types of conversations that you may hear politicians talking about or read about in the news.

Assessment: Submit

 Students turn in the Project Guide for assessment.