Unit 8 - Cybersecurity and Global Impacts ('23-'24) Resources

Lesson 1: Project - Innovation Simulation Part 1

Resources	Preparation
For the teachers • **CSP Innovation Simulation Badges** - Handout • **CSP Innovation Simulation Character Bios** - Handout `▾ Make a Copy` • **CSP Innovation Simulation Nameplates** - Handout • **CSP Innovation Simulation Project Overview** - Resource `▾ Make a Copy` • **CSP Unit 8 - Lesson 1 - Project: Innovation Simulation Part 1** - Slides (**Download**) `▾ Make a Copy` • **Cybersecurity and Global Impacts (Unit Slides)** - Slides `▾ Make a Copy` **For the students** • **CSP Innovation Simulation Project Guide** - Activity Guide `▾ Make a Copy` • **Computer Science is Changing Everything** - Video (**Download**) • **Unit 8 Journal (Digital)** - Resource `▾ Make a Copy` • **Unit 8 Journal (Interactive Notebook)** - Resource `▾ Make a Copy`	• Prepare the role badges • Review the Innovation Simulation Planning Guide • Check the **"Teacher's Lounge"** forum for verified teachers to find additional strategies or resources shared by fellow teachers • If you are teaching virtually, consider checking out the Virtual Modifications for **Day 1**) and **Day 2**

Lesson 2: Data Policies and Privacy

Resources	Preparation
For the teachers • **CSP Unit 8 - Lesson 2 - Data Policies and Privacy** - Slides (**Download**) [▼ Make a Copy] **For the students** • **Privacy, Security, and Innovation** - Activity Guide [▼ Make a Copy]	• Check a few popular websites with students in your school to make sure they'll be able to access those sites' data policies over your school network. • Check the **"Teacher's Lounge"** forum for verified teachers to find additional strategies or resources shared by fellow teachers • If you are teaching virtually, consider checking our **Virtual Lesson Modifications**

Lesson 3: The Value of Privacy

Resources	Preparation
For the teachers • **CSP Unit 8 - Lesson 3 - The Value of Privacy** - Slides (**Download**) [▼ Make a Copy] **For the students** • **Cops Need A Warrant To Search Your Cell Phone's Location History, Supreme Court Rules** - Video • **Is Facial Recognition Invading Your Privacy?** - Video • **Privacy, Security, and Innovation** - Activity Guide [▼ Make a Copy]	• Review the videos to make sure you are prepared to lead the subsequent discussions • Make sure you have access to the activity guides students completed in th previous lesson • Check the **"Teacher's Lounge"** forum for verified teachers to find additional strategies or resources shared by fellow teachers • If you are teaching virtually, consider checking our **Virtual Lesson Modifications**

Lesson 4: Project - Innovation Simulation Part 2

Resources	Preparation
For the teachers • **CSP Innovation Simulation Project Overview** - Resource ▼ Make a Copy • **CSP Unit 8 - Lesson 4 - Project: Innovation Simulation Part 2** - Slides (**Download**) ▼ Make a Copy **For the students** • **CSP Innovation Simulation Project Guide** - Activity Guide ▼ Make a Copy	• Ensure students have access to their project guides. • Check the **"Teacher's Lounge"** forum for verified teachers to find additional strategies or resources shared by fellow teachers. • If you are teaching virtually, consider checking our **Virtual Lesson Modifications**

Lesson 5: Security Risks Part 1

Resources	Preparation
For the teachers • **CSP Unit 8 - Lesson 5 - Security Risks Part 1** - Slides (**Download**) ▼ Make a Copy	• Read through the levels on Code Studio to familiarize yourself with the topics. • Think through the logistics of running the jigsaw activity. • Check the **"Teacher's Lounge"** forum for verified teachers to find additional strategies or resources shared by fellow teachers • If you are teaching virtually, consider checking our **Virtual Lesson Modifications**

Lesson 6: Security Risks Part 2

Resources	Preparation
For the teachers - **CSP Unit 8 - Lesson 6 - Security Risks Part 2** - Slides (**Download**) ▾ Make a Copy **For the students** - **CSP U8L6 - Optional Podcast Transcripts** - Activity Guide ▾ Make a Copy - **Equifax Data Breach: What Went Wrong (Podcast)** - Resource - **Planet Money: Bad Credit Bureau (Podcast)** - Resource - **The Internet: Cybersecurity and Crime** - Video (**Download**)	- Listen to the podcast segments and practice starting and stopping at the marked places - Get the Kahoot quiz set up and ready to go for the Wrap Up - Check the **"Teacher's Lounge"** forum for verified teachers to find additional strategies or resources shared by fellow teachers - If you are teaching virtually, consider checking our **Virtual Lesson Modifications**

Lesson 7: Project - Innovation Simulation Part 3

Resources	Preparation
For the teachers - **CSP Innovation Simulation Project Overview** - Resource ▾ Make a Copy - **CSP Unit 8 - Lesson 7 - Project: Innovation Simulation Part 3** - Slides (**Download**) ▾ Make a Copy **For the students** - **CSP Innovation Simulation Project Guide** - Activity Guide ▾ Make a Copy	- Make sure students will have access to the 1-pagers they started in the last project lesson. - Check the **"Teacher's Lounge"** forum for verified teachers to find additional strategies or resources shared by fellow teachers - If you are teaching virtually, consider checking our **Virtual Lesson Modifications**

Lesson 8: Protecting Data Part 1

Resources	Preparation
For the teachers • **CSP Unit 8 - Lesson 8 - Protecting Data Part 1** - Slides (**Download**) ▾ Make a Copy For the students • **Encryption and Public Keys** - Video (**Download**)	• Explore the encryption widgets • Watch the video • Check the **"Teacher's Lounge"** forum for verified teachers to find additional strategies or resources shared by fellow teachers • If you are teaching virtually, consider checking our **Virtual Lesson Modifications**

Lesson 9: Protecting Data Part 2

Resources	Preparation
For the teachers • **CSP Unit 8 - Lesson 9 - Protecting Data Part 2** - Slides (**Download**) ▾ Make a Copy For the students • **Call Center - Reading Passage** - Resource ▾ Make a Copy	• Preview the slides • Read through the stimulus question • Check the **"Teacher's Lounge"** forum for verified teachers to find additional strategies or resources shared by fellow teachers • If you are teaching virtually, consider checking our **Virtual Lesson Modifications**

Lesson 10: Project - Innovation Simulation Part 4

Resources	Preparation
For the teachers • **CSP Bingo Cards - Unit Eight** - Handout (**Download**) • **CSP Bingo Generator** - Resource • **CSP Innovation Simulation Project Overview** - Resource ▾ Make a Copy • **CSP Unit 8 - Lesson 10 - Project: Innovation Simulation Part 4** - Slides (**Download**) ▾ Make a Copy **For the students** • **CSP Innovation Simulation Project Guide** - Activity Guide ▾ Make a Copy	• Make sure students have access to their project guides if you are collecting them between classes. • Check the **"Teacher's Lounge"** forum for verified teachers to find additional strategies or resources shared by fellow teachers • If you are teaching this lesson virtually, consider checking out the Virtual Modifications for **Day 5**, **Day 6**, and **Day 7**.

Lesson 11: Assessment Day

Resources	Preparation
For the teachers • **CSP Unit 8 - Lesson 11 - Assessment Day** - Slides (**Download**) ▾ Make a Copy	• Preview the assessment questions • If you are teaching virtually, consider checking out the **Virtual Modifications**

Lesson 12: CS Principles Post-Course Survey

Resources	Preparation
There are no resources for this lesson.	There is no prep for this lesson.