

Lesson 9: Project Tell a Data Story Part 2

Overview

This is the second day of a project where students use the Data Analysis Process to tell a data story. Students complete the second page of the Activity Guide for this project during this lesson.

Purpose

The goal of this lesson is for students to put into use all of the data analysis skills they have practiced throughout this unit.

Standards

Full Course Alignment

CSTA K-12 Computer Science Standards (2017)

- **DA** - Data & Analysis

Agenda

Warm Up

Activity (35 minutes)

Wrap Up (10 minutes)

Objectives

Students will be able to:

- Describes new insights or decisions that can be made based on a visualization
- Explain information in a visualization
- Follow the Data Analysis Process to tell a data story
- Recognize and explain potential bias in a dataset or interpretation

Preparation

- Review the rubric in the Project Guide

Links

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

For the teachers

- **CSP Unit 9 - Data** - Slides

For the students


- **CSP U9 Project Guide - Tell a Data Story** - Activity Guide

Teaching Guide

Warm Up

Do This: Move to the activity portion of the lesson.

Activity (35 minutes)

 **Do This:** Students work on Page 2 of the Project Guide that covers the "New Information" step of the Data Analysis Process. Encourage students to be thorough in their answers. If they are struggling to

answer the prompts, they may want to reconsider their visualization.



Data Story Workspace

Wrap Up (10 minutes)

Review: Review the rubric

Do This: Collected completed Project Guides from students.

Assessment: Project

Assess using the rubric on the final page of the Project Guide.