



Computer Science Virtual Learning

PLTW Computer Science Principles

April 27, 2020

Lesson: April 27, 2020

Learning Target:

By the end of this lesson, students should be able to:

Achieve the following objective(s):

- **Understand what a digital footprint is and how it can be used by others**
 - **Understand ways to shape one's digital footprint**
 - **Answer the following essential question(s):**
 - **What actions do people take online? Which actions do I think are ok?**
 - **What evidence does each action leave behind?**
 - **How do I contribute to my digital footprint, actively or passively?**
 - **How do others affect my digital footprint?**
- **How do individuals or businesses use my digital footprint to find out more about you?**
 - **Internalize the following enduring understanding(s):**
- **My actions online are not entirely private. I should always be aware of what I'm doing online and how I am doing it, and work to shape a positive digital footprint.**

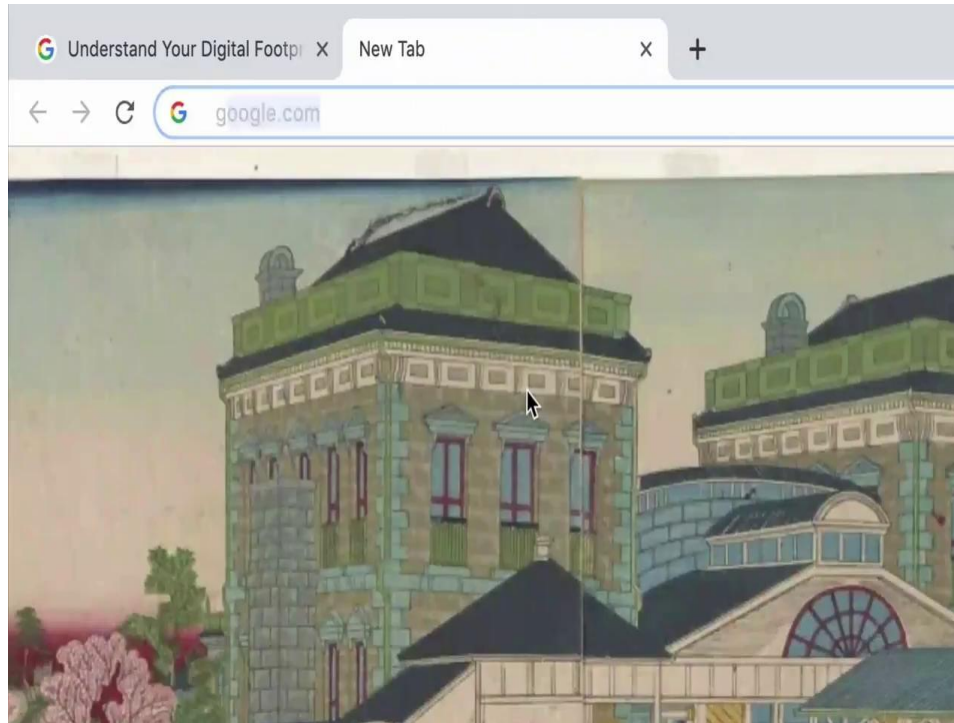


Introduction

You Are Leaving Footprints!

- Watch [this video](#).
- Then, do a Google search of yourself. What sort of Digital Footprint did you find? Are you surprised? Are there things you would like to change?

Introduction Video: Understand Your Digital Footprint.



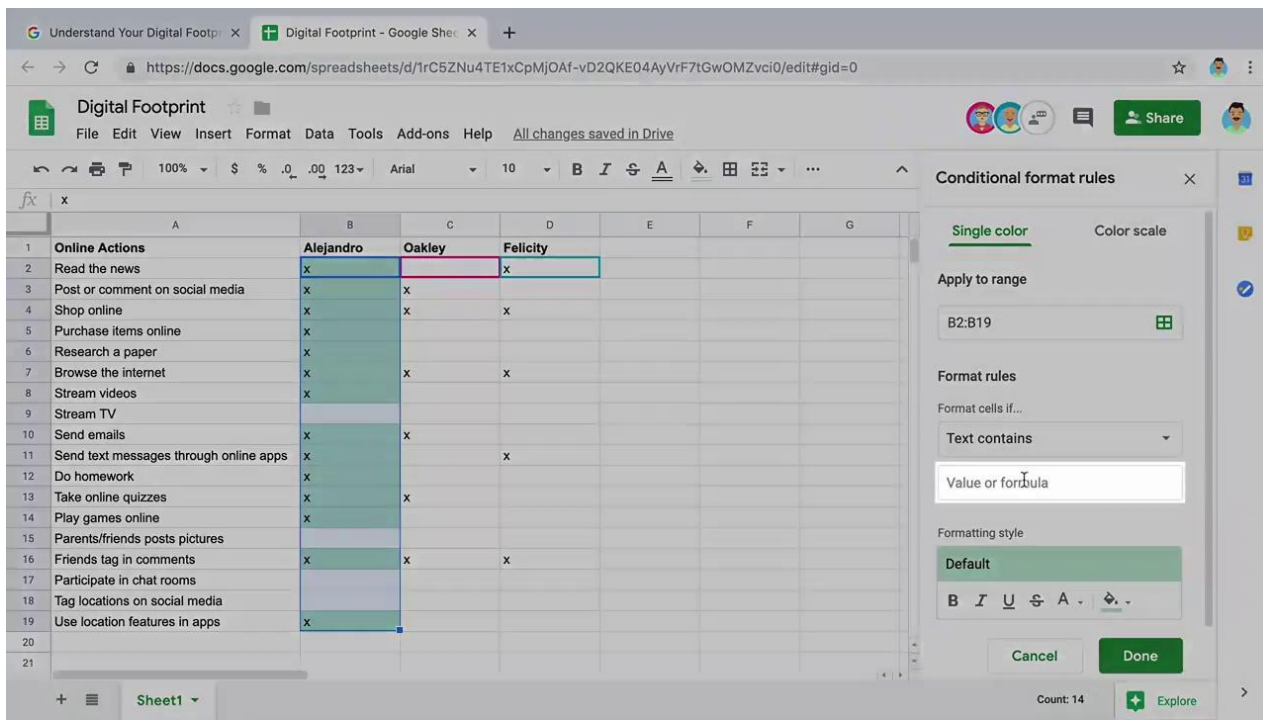
Practice Video: Make a List of Things People Do Online



Practice Video: Revise Your List



Practice Video: Add Color to Your Digital Footprint

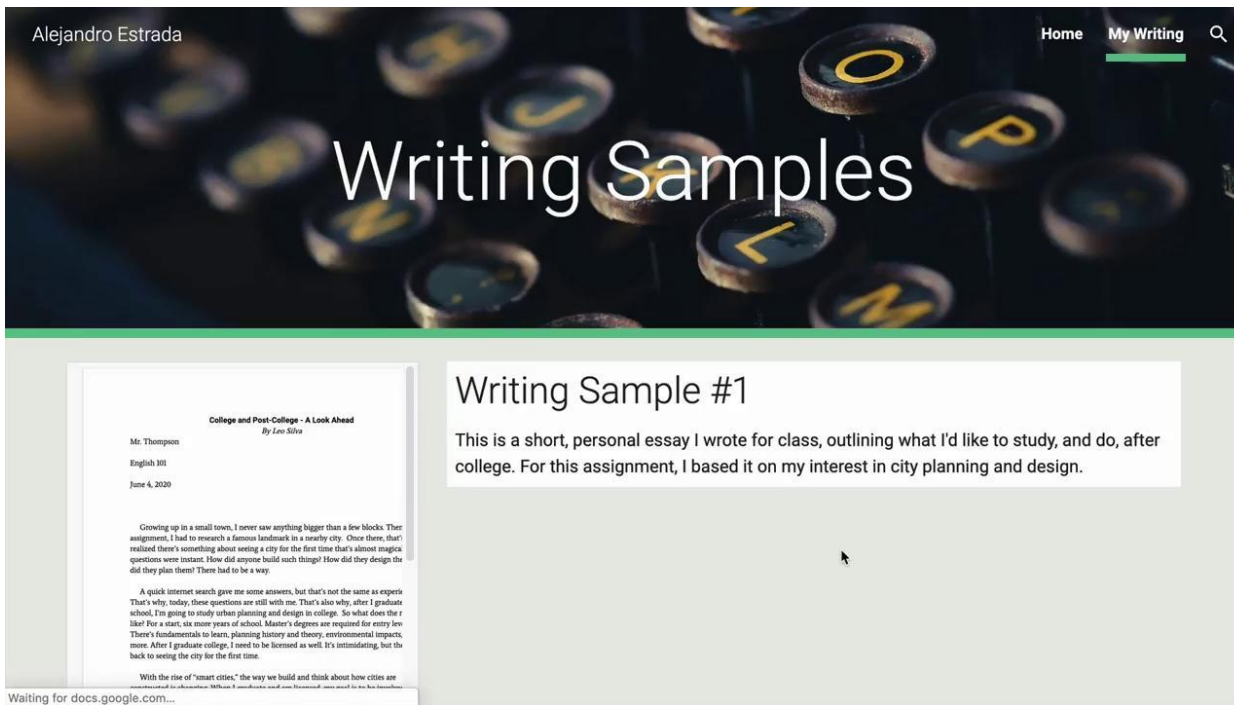


The screenshot shows a Google Sheet titled "Digital Footprint" with a checklist of online activities. Column B is highlighted in green, indicating a conditional format rule. The sidebar on the right shows the "Conditional format rules" panel with the following settings:

- Rule name: Single color
- Color scale: (empty)
- Apply to range: B2:B19
- Format rules: Text contains
- Format cells if...: Value or formula
- Formatting style: Default

	A	B	C	D	E	F	G
1	Online Actions	Alejandro	Oakley	Felicity			
2	Read the news	x		x			
3	Post or comment on social media	x	x				
4	Shop online	x	x	x			
5	Purchase items online	x					
6	Research a paper	x					
7	Browse the internet	x	x	x			
8	Stream videos	x					
9	Stream TV						
10	Send emails	x	x				
11	Send text messages through online apps	x		x			
12	Do homework	x					
13	Take online quizzes	x	x				
14	Play games online	x					
15	Parents/friends posts pictures						
16	Friends tag in comments	x	x	x			
17	Participate in chat rooms						
18	Tag locations on social media						
19	Use location features in apps	x					
20							
21							

Practice Video: Understand Your Digital Footprint Wrap-Up



Alejandro Estrada

Home My Writing

Writing Samples

Writing Sample #1

This is a short, personal essay I wrote for class, outlining what I'd like to study, and do, after college. For this assignment, I based it on my interest in city planning and design.

College and Post-College - A Look Ahead
By Leo Silva

Mr. Thompson
English 101
June 4, 2020

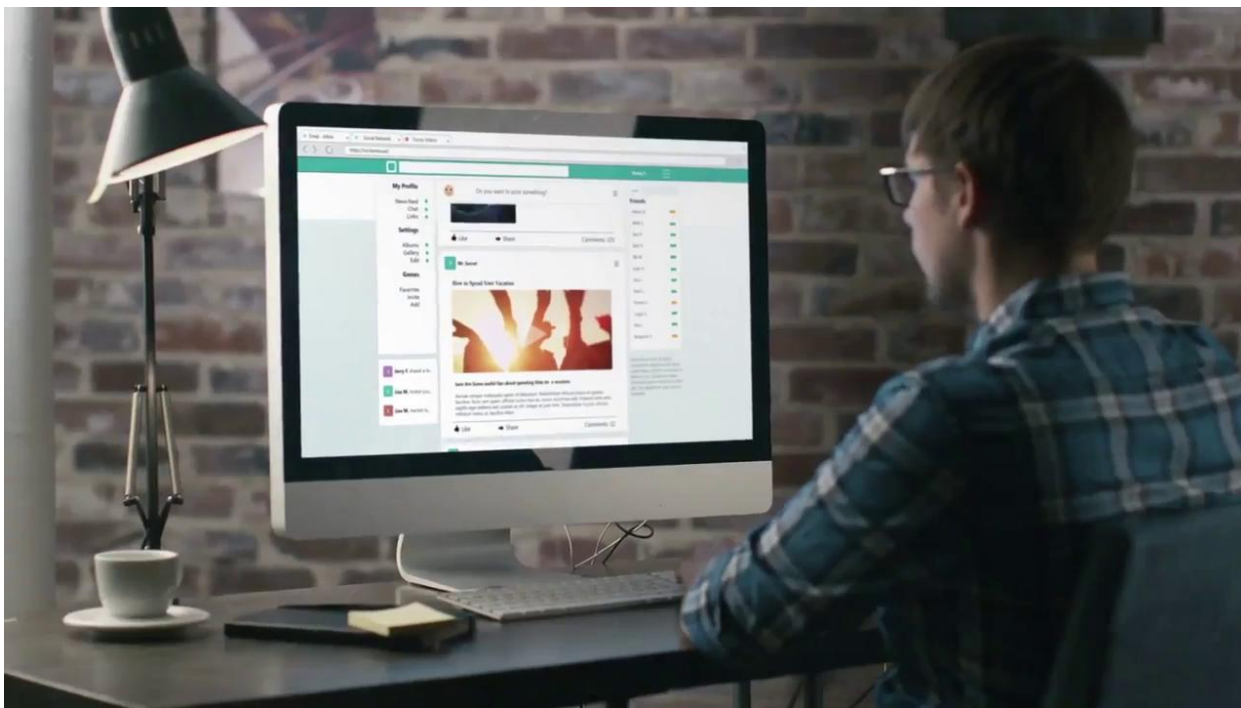
Growing up in a small town, I never saw anything bigger than a few blocks. The assignment, I had to research a famous landmark in a nearby city. Once there, that's when I realized there's something about seeing a city for the first time that's almost magical. Questions were instant: How did anyone build such things? How did they design the city? How did they plan them? There had to be a way.

A quick internet search gave me some answers, but that's not the same as expertise. That's why, today, these questions are still with me. That's also why, after I graduate school, I'm going to study urban planning and design in college. So what does the r look like? For a start, six more years of school. Master's degrees are required for entry level. There's fundamentals to learn, planning history and theory, environmental impacts, more. After I graduate college, I need to be licensed as well. It's intimidating, but it's back to seeing the city for the first time.

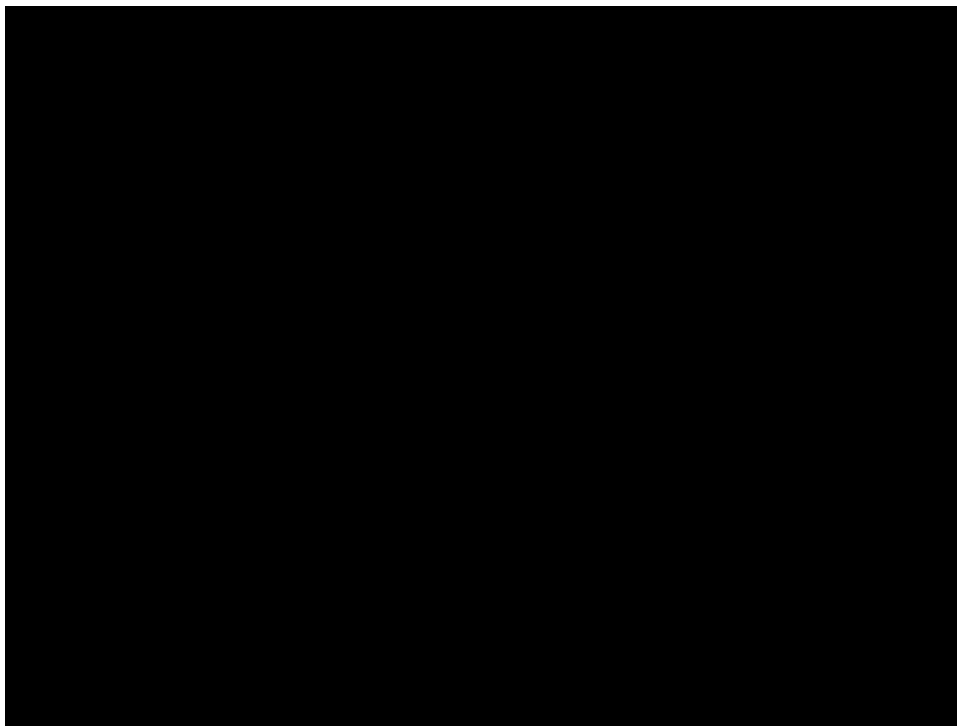
With the rise of "smart cities," the way we build and think about how cities are changing. It's exciting to see how technology is being used to improve the way we live.

Waiting for docs.google.com...

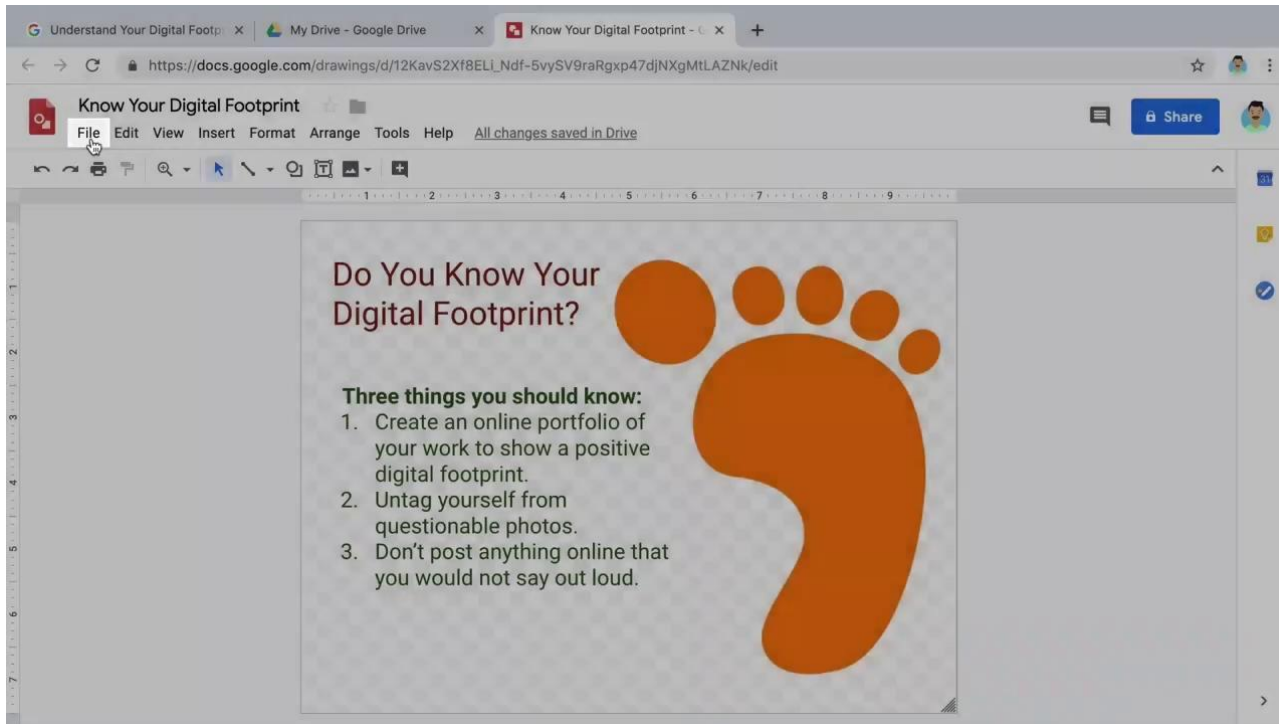
More Practice Video: What Does Your Digital Footprint Say About You?



More Practice Video: Shape Your Digital Footprint



More Practice Video: Make a Digital Footprint Poster



The screenshot shows a Google Docs drawing editor interface. The title bar reads "Know Your Digital Footprint". The menu bar includes "File", "Edit", "View", "Insert", "Format", "Arrange", "Tools", and "Help". The drawing area contains a poster with the following text:

Do You Know Your Digital Footprint?

Three things you should know:

1. Create an online portfolio of your work to show a positive digital footprint.
2. Untag yourself from questionable photos.
3. Don't post anything online that you would not say out loud.

To the right of the text is a large orange footprint graphic.