

Unit 10 Assignment

Part One

For this assignment, you will process a variety of porous and nonporous items for latent prints using black fingerprint powder or crushed charcoal. Choose between 5–10 different types of surfaces (porous and nonporous). It is very important to pick a variety of different surfaces for this Assignment. Some types of surfaces that you would expect to find fingerprints on include:

- Microwave, Oven
- Door knob, window, sliding-glass door
- Bathroom mirror, toilet seat,
- Paper items around the house (at least two)
- Cars
- Soda cans
- Bowls and dishes, glasses, etc.

Describe your experience in a 300–500-word essay, addressing the following questions:

1. How many different prints or partial prints did you locate?
2. What types of objects did you lift the prints from? Where were they located?
3. What supplies did you use? What technique did you use to apply the powder?
4. Did you expect to find more prints, or fewer?
5. Can you identify the prints as different from one another? How?
6. Identify which items are porous, and which are non-porous.

Provide as many details about your successes and failures as you can.

Part Two

In this part of the assignment you will determine the effects of water on latent prints.

- Take a drinking glass and handle it, making sure to leave fingerprint impressions on it.
- Immerse the glass in water for several hours.
- After a significant length of time, visually examine the glass and see if you can still see your fingerprints.
- Attempt this in a variety of conditions such as hot water, cold water, soapy water, or salt water.
- Keep notes on your results under each condition.
- Hypothesize reasons for similar and dissimilar results under the varying conditions.

Describe your experience in a 300-500-word essay and discuss your results from this experiment. **INCLUDE PHOTOS OF YOUR WORK TO MAXIMIZE YOUR POINTS.**

Put Parts one and two into ONE Word document and submit it via the Unit 10 Assignment 2 Dropbox.

Directions

In addition to fulfilling the specifics of the Assignment, a successful paper must also meet the following criteria:

- Include a cover page and references page in 10–12 point font (Arial, Courier, and Times New Roman are acceptable)
- Viewpoint and purpose should be clearly established and sustained

- Assignment should follow the conventions of Standard American English (correct grammar, punctuation, etc.)
- Writing should be well ordered, logical, and unified, as well as original and insightful
- Your work should display superior content, organization, style, and mechanics
- Appropriate citation style should be followed

You should also make sure to:

- Include a title page with full name, class name, section number, and date
- Include an introductory and concluding paragraph and demonstrate college-level communication through the composition of original materials in Standard American English
- Use examples to support your discussion
- Cite all sources on a separate reference page at the end of your paper and cited within the body of your paper using APA format

Submitting Your Assignment

Compose your paper in Word and save your document in the following format: Last name First name Assignment. (Example: SmithJohn Unit 10 Assignment 2). Submit your Assignment by selecting the Unit 10: Assignment 2 Dropbox by the end of Unit 10.

Checklist for the Unit 10 Assignment

Criteria: Ask yourself the following questions.	Not Yet	Yes
Content		
Did you identify five surfaces, indicating which ones were porous and which ones were nonporous?		
Did you apply a systematic approach for developing latent prints on five surfaces, indicating which ones were porous and which ones were non porous?		
Did you analyze the approach for developing latent prints on five or more surfaces, indicating which ones were porous and which ones were non porous?		
Did you determine which approach would be most successful for processing five surfaces, indicating which ones were porous and which ones were non porous?		
Research		
Is your research current ?		
Did you discuss all the required areas in a substantive manner?		
Did you use appropriate reference material to support major statements?		
Quality		
Is your content complete enough to address the topic and questions?		
Is there a logical flow to your ideas?		
Did you present the material in a clear and concise manner to provide easy readability?		
Format		
Did you prepare your project as a Microsoft Word document?		
Did you label your file correctly?		
Did you use APA format to cite your sources?		
Did you check your document for grammar and spelling ?		
Does your Assignment fulfill the length requirements?		

