STUDYGUIDE: Digital Investigation

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1. STUDY GUIDE 1

How confident are you researching online?

☐ Not confident at all

☐ Not confident

☐ Somewhat confident

☑ Confident

☐ Extremely confident

How often to you search for information online?

A lot of the time

Name a website that can always be trusted to provide the most accurate information.

There aren't any websites that can always be trusted 100% of the time. The most reliable and trustworthy are usually local news stations, the weather channel, and history-based websites like History.com.

What question would you like to investigate?

What is the growing importance of learning computer technology in modern society?

2. STUDY GUIDE 2

Given the question you want to investigate (from Study Guide 1):

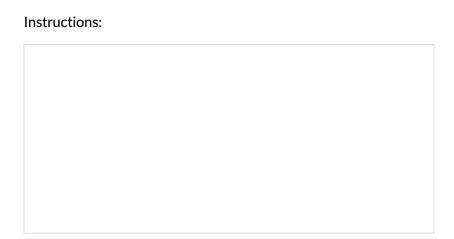What do you find interesting or what makes you curious about it?

Given the question you want to investigate (from Study Guide 1):

What do you think the solution or answer is to your question?

Note: This is also called a hypothesis.

3. STUDY GUIDE 3

Instructions:

A) Go online *(e.g., Google.com)* and enter your research question from Study Guide 1 *(What question would you like to investigate?).*

B) Check out the first 2 or 3 links that pop up.

C) Write down some notes OR a summary about each website and what it says about your question.

D) If you feel that these links do not give enough information about your question, go back to Step A and reword your question. For example, *"what is the universe made of"* can be changed to *"what is the universe"* or *"what makes up the universe?"*

E) In 4-5 complete sentences, what did you learn about your question/topic from these websites?

Computer technology serves many behind the scene processes that make the world go round. It is used in the food industry to manage customers' orders. It is used in schools and as a tool for education and research. In basically every industry, computer technology is the basis for communication, usually via Email, and data management. The future of computer technology is limitless. It is now only up to us.

Why is it important to search and read through multiple websites and links rather than just one? What are the consequences of just reading one piece of information about a topic? Furthermore, what is the purpose and reasoning behind reading multiple pieces of information about a topic?

If the same information is found over several trustworthy sites, it is usually reliable and truthful. Answering questions just by clicking one link can send you off track or not give a complete response.

4. STUDY GUIDE 4

List out the websites you went to; it could be the URL *(website link)* or the title of the website.

1. https://www.techwalla.com/articles/what-is-the-importance-of-computer-technology-in-everyday-life
2. https://www.ukessays.com/essays/information-technology/examining-the-importance-of-computer-technology-information-technology-essay.php
3. https://www.reference.com/technology/importance-computer-technology-everyday-life-6fa5d44bd07f69ab

Similarities: What are common themes and information that was mentioned on these sites?

Differences: What pieces of information did some sites mention while others did not?

All of the websites discussed the same industries. Education, entertainment, and health were the most common. Each website in particular provided their own twist on what information they actually say, despite all of it relating to the same topic.

What was the most interesting thing you found across all the websites?

Safety features on many transportation systems, like cars and even buses were all developed using computers. This work is life saving.

5. STUDY GUIDE 5

In 1-2 paragraphs, what did you learn from your process of investigation?

Surprisingly, I learned a lot form my investigation. Computer technology has a bright future ahead of it. It already impacts so many different industries, businesses, and people, why stop now? When conducting research, you need to be careful of the trustworthiness of your sources and information. Sources that were easier to read definitely helped me learn more. I was able to clearly understand and draw conclusions on the information presented.

Was there another question that came out of your investigation? If so, what was it?

How can new tech improve what we already have?

If people took more time to conduct some digital investigation about questions they have, what impacts would this have on conversations, voting, and understanding other perspectives?

There wouldn't be so much arguing and debate and overall anger. People take things so seriously, but don't bother to understand what they are actually talking about. Hopefully that will change.

6. STUDY GUIDE 6

Investigation begins with:

○ Knowing the answer

✔ Asking a question

Investigation is _____.

○ A process

○ About finding answers or solutions

○ About being curious

✔ All of the above

After this lesson, how confident are you at researching online?

☐ Not confident at all

☐ Not confident

☐ Somewhat confident

☐ Confident

☑ Extremely confident

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