READING PROCESS WORKSHEET
GED0001

NAME: __ANDRIE DETERA _____ SECTION: __TX05____
TEXT TITLE: _____Are We Too Dependent on Technology?_____ DATE: ___Feb 1, 2024_____
TEXT TYPE: ____Technical Text_____AUTHOR: ___Terry Brown_____

I. PRE-READING (10 POINTS)

A. Complete the table with the headings, subheadings, and visual titles/descriptions from the text. Provide at least 2 entries for each column.

Headings	Subheadings	Title/Description of Visuals
• Are We Too Dependent on Technology?	• Who Needs Knowledge? • Are There Business Costs of Being Too Dependent on Technology? • Digital Amnesia • Getting Real About Technology • Final Thoughts • Summary	• An image of a mechanical contraption or a robot holding a plier. • An image showing the correlation of brain activity and London's routes memorization. • A line graph showing the relation of memory retention and days after training. • An image of a text showing the portion of consumers who believe on the potential necessity of 'mind gyms". • An image showing a group of medical professionals using a technology to operate on a patient. • An image showing a stylized head that depicts a brain. • An image showing a stylized depiction of people solving a jigsaw puzzle.

Prepared by: Helen C. Raymundo, HSC Faculty, FEU Tech

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B. Fill the table with information that you already know about the topic (K), you wonder about the topic (W), and you will learn after reading the text (L). Fill the L Column after reading the text. Provide at least 2 entries for each column.

K	W	L
● I know of the "Knowledge of London" test for cab drivers that assesses the driver's knowledge of every landmark and roads in the city. ● I know of the limitless applications and potential of technology in social interactions, aviation, transportation, finance, healthcare, security, and more. ● I know that over reliance on personal phones and computers or devices can lead to weaker brain power as most of the thinking, computations, and memorization is now transferred to other devices.	● I want to know more on how technology can affect our critical thinking and cognitive skills. ● I want to know more of the examples or instances where technology is affecting our mental and physical health. ● I want to know more about the studies that supports or proves the idea of "harmful effects of over reliance on technology".	● I learned that over reliance on technology affects our mental computation skills. ● I learned that technology can also reduce memory retention and memorization power (digital amnesia) ● I learned that due to weakening memory, it can affect businesses due to forgotten information. ● I learned that over reliance on technology can affect our brain or the hippocampus as we rely more on external devices to tell us what to do than relying on our memory and experiences.

II. READING (30 POINTS)

A. Fill the table with specific details from the text and inferences that can be drawn from it. Provide at least 2 entries for each column.

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Details from the Text	Plausible Inferences
● This is fine so long as the machines are working – but do we really want to become so dependent on technology that we can no longer perform life-saving medical operations without it?	● Over eliance on technology can lead to negative consequences as such technology used in sensitive, vital and life-threatening operations may not be available in times of war, power outage, cyber crimes, or cataclysmic events like changing of magnetic and electric fields that technology relies on.
● Among other things, the research discovered a direct link between the availability of data at the click of a button and a failure to commit that data to memory.	● Due to technology, we've come to a point where the need to memorize or remember information from a source is dwindling as we can always go back to any time to the website or publication to remind us of what we need.

B. Figure out the meaning of the technical term from the text. Write the technical term, indicate the clue from the text, and use the term in your own sentence. Provide at least 2 entries for each column.

Technical Term	Context Clue (i.e., antonym, synonym, examples, description, word parts, definition or any clues in the text	Use each technical term in a sentence
1. Internet-enabled	Word parts (internet and enabled)	Most smartphones nowadays are internet-enabled, meaning it can connect to the internet to gain access to many online services.
2. Voice-activated	Word parts (voice and activated)	I was able to use my phone without touching as it was voice-activated from a distance..
3. Biometrics	Word parts (bio and metrics)	You can register your face or fingerprint as biometrics to secure your devices.

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4. GPS	Textual clue (Take turn-by-turn instructions from a GPS device to take the stress out of navigation.)	GPS helps us navigate through "never-been-traveled" roads to ease our explorations.
5. AI	Textual clue (increasingly being used to perform diagnoses and, in some cases, can outperform doctors) (hints that AI is not human, but is intelligent as it can perform diagnoses)	AI is increasingly becoming more advance, making it also even more useful and dangerous at the same time as only time will tell when it can think for itself.

C. Supply the missing information below:

1. Topic of the text:
   _The text is about our overreliance on technology and how it can harm mankind in many ways now and in the future._____

2. Writer's opinion about the text's topic:
   ____The writer thinks that our overreliance on technology can potentially bringforth our downfall as it weakens our thinking and cognitive skills, our memory, and our skills as more and more activities that require brain-power is being done by technology nowadays, and crucial or core healthcare and business operations can be greatly affected when a time comes where technology is inaccesible._____

3. Support for writer's opinion (e.g., evidence such as facts, testimonies, examples, etc.):
   a. Kwik's overall message is that the brain needs to be constantly challenged to save it from slipping into "digital amnesia" – a phrase first coined by Kaspersky in a study of the phenomenon in 2015.
   b. In 2015, 70% of people were able to recall their partner's phone number. Four years later, that number decreased to 60%. Similarly, 68% of people could call their parents without first looking up the number to dial – but by 2019, only 64% could.
   c. Well, a 2017 study by researchers at University College London (UCL) – published in Nature Communications – claims that when using automated systems to memorize directions and guide us where we need to go, the hippocampus and other areas of the brain used to think of different routes are "switched off." In other words, when we are dependent on technology for navigation, parts of our brain cease to be used – and when that happens, they stop growing.

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III. POST-READING (10 POINTS)

A. Answer the following rhetorical analysis guide questions.
1. What credentials does the author have which give him/her the authority to write about the topic of the text?
- Terry Brown is an experienced product management and marketing professional who worked for technology based companies for over 30 years in different industries.

2. After considering the author's profession and affiliation, what possible biases the author might have about the topic?
- Being part of the technology industry, tho minimal, Terry might have biases on how effective technology is and how harmful it is at the same time. Terry may have also presented ideas in a way that non-techies can't grasp easily.

3. What is the purpose of the text, and how does the author accomplish that purpose? What evidence does the author use to support the main idea in the text?
- The purpose of the text is to inform the readers of the negative and harmful effects of our overreliance or dependency on technology. The author presented science or research-based evidences, testimonies, and experiences of other people to prove his claims and support his stand. One evidence he used is from the University College of London where the hippocampus is affected negatively due to being used less when driving or navigating compared before the advent of GPS technology.

4. What specific idea/information in the text challenges or surprises you? Why?
- The most surprising idea in the text for me is how "surface" level or common some of the negative effects of technology ovvereliance. Some might think that the negative effects might take time, like when we're already elderly, or maybe something temporary and non-serious, but in fact, based on the text, it's something more common and functional—affecting the parts of our brain that we use everyday.

5. Is the style of writing suitable for the intended audience? Is it too formal or too casual? Why?

- As a text that aims to inform the general public, the style of writing is suitable as it comes off as a friendly and welcoming. It tries to use less jargon technical words to make it more readable to people who might not be as familiar with technology. There's a perfect blend of professionalism or formality and friendliness.