

READING PROCESS WORKSHEET

GED0001

NAME: Hyanna Mae D. Esperon SECTION: AM01
TEXT TITLE: Are We Too Dependent on Technology DATE: 02 – 03 – 2023
TEXT TYPE: Informative Text (Online Article) 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?	<ul style="list-style-type: none">• Who Needs Knowledge?• Are There Business Costs of Being Too Dependent on Technology?• Digital Amnesia• Getting Real About Technology• Final Thoughts	<p>Fig. 1 Creatively designed robot using different tools and spare things.</p> <p>Fig. 2 Posterior hippocampal activity is correlated with the change in degree centrality during navigation.</p> <p>Fig. 3 Line graph showing the correlation between memory retention and days after training.</p> <p>Fig. 4 Visual text describing how mind gyms are believed to be a go to for practice thinking.</p> <p>Fig. 5 Vector art of a robot performing a surgery to a patient with a guide of health professionals.</p> <p>Fig. 6 Silhouette of a head with circle particles coming from the semi-circle (brain) similar to a person generating ideas.</p> <p>Fig. 7 Two person building/solving puzzle pieces.</p>

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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
<ul style="list-style-type: none">- Technology has been helping us for ages and civilizations started to develop because of the technical advancements.- The number of laborers has decreased because most of them are being replaced by technology.- Modern day technology started to rise in the year 2000 alongside with social media and internet which made things more convenient and made people dependent with these new inventions and innovations.	<ul style="list-style-type: none">- How does dependence in technology affects our society?- What could be the possible effect/s of technology dependence besides low employment rate?- Are the effects an advantage or disadvantage? And if it's an ill effect, are there any possible solutions for it?	<ul style="list-style-type: none">- Technology has thought us that there are things that we cannot do without it, however there are also things that technology cannot do besides performing a task they are programmed.- AI was being used to perform health related treatment, but this also brings a huge risk to the patient who's receiving it.- Technology dependency has caused digital amnesia. The more we depend on technology, the easier for us to forget information even a basic detail.- The only possible solution in the modern technology era is to limit ourselves from using it. Yes, technology is helpful in some ways, but we also have to train ourselves with a minimal use of the digital world.

II. READING (30 POINTS)

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- 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.

Details from the Text	Plausible Inferences
As we become so dependent on technology to remember things for us, our actual memories suffer. Kwik calls this the “digital deluge,” where “our 200,000-year-old brains are overwhelmed by and outsourced to exponentially improving technologies.”	We rely on technology so much that we never thought technology is one of the causes of memory loss (which is something that I can relate).
Autonomous AI systems have a massive potential to improve healthcare productivity, lower healthcare costs, and improve accessibility and quality.	In a positive manner, citizens/patients would benefit from the said reason, however, it is also possible that doctors and nurses will lose their ability too help patients in a critical need since AI will cover their supposedly jobs.

- 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. Hippocampus	Definition This impressive cognitive map is evident on an MRI scan – in an enlarged part of the brain called the hippocampus.	Hippocampus plays a big role in our learning process.
2. GPS	Description While we’re not all London cabbies, most of us these days now take turn-by-turn instructions from a GPS device to take the stress out of navigation.	I’d be lost if it weren’t for the help of GPS.
3. Digital Deluge	Definition “digital deluge,” where “our 200,000-year-old brains are overwhelmed by and	My mother once said, “Kakaselpo mo ‘yan”, I can now apply it to myself since I’ve been showing signs of digital deluge.

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	outsourced to exponentially improving technologies.”	
4. Biometrics	Antonym Phones now have biometrics instead of passwords .	Biometrics made me feel more safe than using passwords.
5. Digital Amnesia	Word Parts Digital – relating to technology. Amnesia – memory loss caused by disease or brain damage	Most teens nowadays experience digital amnesia for teenagers are more likely to use technology in their everyday life.

C. Supply the missing information below:

1. Topic of the text: Technology Dependency
2. Writer’s opinion about the text’s topic: As a society, we have become more dependent in technology.
3. Support for writer’s opinion (e.g., evidence such as facts, testimonies, examples, etc.):
 - a. “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. For example, in 2019, \$83 billion was spent on corporate training and development across the US. But the average person forgets about 70% of new information within 24 hours, and 80% within a week” (University College London, 2017).
 - b. AI is increasingly being used to perform diagnoses and, in some cases, can outperform doctors in detecting conditions like diabetes, skin cancer, and dementia.
 - c. Phones now have biometrics instead of passwords; they serve as wallets and have voice-activated virtual assistants and apps for almost every task imaginable.

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 having worked for technology-based companies for over 30 years which includes Telecoms, IT Service Management (ITSM), Managed Service Providers (MSP), Enterprise Security, Business Intelligence (BI) and Healthcare that made him knowledgeable in the field of technology.

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2. After considering the author's profession and affiliation, what possible biases the author might have about the topic? The author is knowledgeable in technology but only on the fields of IT, Business, and Health. In the article, it only focuses on the possible and negative impacts of technology on the said fields. But it may be different on the other fields such as multimedia and engineering where they're mostly focused on creating an artwork using technology.
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? Readers of the article are expected to be informed and be aware on the topic of technology. The author used his experience, research, and evidence in order to build an informative article. The topic was supported with many evidence and one them is, " scientists are finding that an underactive hippocampus could have broader implications for our health and well-being, particularly in terms of child development, mental health, and dementia. By not regularly exercising the brain, just like a muscle, it becomes weak and unhealthy. As a result, we suffer declines in cognitive ability and memory power – and that has consequences",
4. What specific idea/information in the text challenges or surprises you? Why? Robots/AI was being used to operate surgical work on health-related tasks and it made me think, what would happen if doctors were replaced by them? Technology uses power and electricity, and that is one of the great disadvantages of it. In times of crisis such as power shortage or a real-life accident outside a hospital facility, health professionals such as doctors and nurses are needed for the task. It would be a disaster if they weren't professional on their own work. AI and robots could be used as assistant, but letting it perform most of the work isn't ideal.
5. Is the style of writing suitable for the intended audience? Is it too formal or too casual? Why? The style of writing is not formal nor informal and what's fun about it is how he added his experience and thoughts about the topic which makes it relatable to its audience such as students like us.