



STAGE 5 APPLIED ENGLISH

DIGITAL DIAGNOSES

*Recommended for Year 10 Students.
Medicine - Health - Fitness*



S T A G E 5 A P P L I E D E N G L I S H

UPGRADEABLE YOU OVERVIEW

The digital age has allowed incredible advancements in health, medicine and fitness and has had a multitude of positive impacts on physical and mental health of people globally.

In this learning map, you delve into how the medical, fitness and health fields have adapted to an increasingly connected world and how advancements in technology have led to advancements in these fields.

A NOTE ON THIS LEARNING MAP

Throughout this learning map you will see activities that require you to delve into your 'focused field' or 'focused industry'. Choose from one of the following below as your field of focus:

- Health
- Fitness
- Nutrition
- Nursing
- Medicine
- Surgical
- Other (Please name here)

Please note that this can change depending on where this learning map takes you!

KEY ENGLISH TEXTUAL CONCEPTS

AUTHORITY

Students understand how authority may be constructed, confirmed or challenged.

They learn that

- a sense of authority may be constructed by language use
- authority is strengthened through citation and references to established sources
- groups of responders may be included or excluded by language use
- texts may contradict or subvert cultural assumptions.

CODES AND CONVENTIONS

Students recognise that codes and conventions reflect and shape power relationships and culture.

Students learn that:

- Some codes and conventions are valued more than others and that this can depend on context
- Understanding and using these conventions is potentially a source of power

STYLE

Students understand that styles vary and are valued differently.

They learn that style

- can be a marker of a particular author, period or genre
- changes over different historical periods
- varies according to social and cultural contexts, mode and medium
- may be distinguished through the details and nuances of expression.

LEVEL ONE

Watch the video *'Top 10 Most Promising Technologies for Healthcare'*
Take Notes.

Timeline of breakthroughs in your chosen field. Include significant theories, knowledge, breakthroughs or practitioners.

Read *10 Ways Technology is changing healthcare.* **Take notes.**

Watch and take notes on *The Future of Medicine* video by Cambridge University.

Reflection

Why have you chosen the field you are interested in? What interested you about this field?



Is there any way that any of the digital technologies described in the readings and videos above have impacted your quality of life?

What should you look for to make sure you are getting the best information about medicine? Write a checklist of what you should look for to make sure the information you are researching is appropriate and quality.

Watch the video 'Peer Review Process' Take notes. Answer the following questions:

- What forms of writing are normally subjected to Peer Review?
- Why is Peer review necessary?
- Outline the process of getting something peer reviewed.
- How does this connect to the concept of 'Authority'?
- Outline some reasons why you think Peer review is a large part of medical publications.

Create a mind map of the different types of writing required in the medical field. Include information about **who** the writing is for and **why** the writing exists. Explain conventions of the form.

Referencing

Taking work and not giving credit to the author is **unethical**. Understanding the different types of referencing is an important skill. Look up the most common referencing for medical writing in Australia.

How does referencing give a text more authority? Using the videos and website from above, try to reference them in a reference list style.

MILESTONE MOMENT: WEEK 2 INTERVIEW

At the Week 2 Interview you will be asked to show your work, and discuss your understanding of the this unit and answer the question ***How has technology impacted your chosen field?***

Journal Articles

Curate 3 articles about technology usage within your chosen field. Rate the articles out of 5 for credibility. Explain your score.

Write a 600 word outline on the key ideas within the articles you found above, dedicating a paragraph to each article.

Choose one of the technologies you've encountered so far.

Explain How it is challenging or disrupting your chosen field at the moment?

What implications could this technology have for the future of your chosen field?



Youtube Playlist

Curate a YouTube Playlist of videos about technology's impact within your chosen field or the field of healthcare in general.

LEVEL TWO

Pick one of the concepts discussed in Level One and create a **video, audio recording or series of posters** teaching this information to:

- a) A preschool student
- b) a high school student who is not interested in science.
- c) Someone who doesn't know about the field you are interested in.
- d) Someone in the field you are interested in.

Interview with an industry professional.

Make contact with an industry professional in the field you are interested and ask them about their speculations or predictions about the direction of the field in response to technological advancement.

You will need to rehearse your questions and think about how you are going to record / capture this interview.



Watch the trailer for the film GATTACA.

What technology is the film speculating about? From the trailer, what do you think they are saying could be a disadvantage of technological advancements within medicine and health?

What are some of the biggest issues facing Australian healthcare?

Can technology fix any of this?



LEVEL THREE

Timed Response.

Write a timed (45 Minute) essay based on one of the prompts on the following page (either choose one or roll a dice to determine the question)

ALTERNATE PRODUCT

You may wish to undertake your own Level Three project. The product you create should reflect the type of text you would find in your chosen field.

Negotiate with your teacher what your product is and who your audience is.

FINAL THING!

Have a final conversation with the teacher about the unit - give feedback on the unit and discuss your successes, learnings and challenges.

INFORMATIVE (WRITTEN)

You are to create an Informative piece exploring the way that digital technology has impacted your chosen field and speculating on possible future directions of this technology.

SUCCESS CRITERIA

Create a success criteria for an informative text. .

TEXTUAL TRIANGLE

Create a textual triangle for your Informative Text. This will be your planning. **You will need to decide on your form.**

CONVERSATION WITH TEACHER

Have a conversation with your teacher 'pitching' your idea to them. They will give you feedback before you draft it.

DRAFT INFORMATIVE

Draft your informative piece exploring the way that artists challenge conventions and create new sounds.

PEER FEEDBACK (Use Success Criteria)

Get Peer Feedback on your informative piece. **Make changes.**

TEACHER FEEDBACK (use Success Criteria)

Get Teacher Feedback on your informative text.

PUBLISH

Publish your Informative Text!

REFLECTION

Write a reflection for your informative text. Remember to include a paragraph on

- Feed-up
- Feed-back
- Feed-forward

INFORMATIVE (Multimodal)

You are to present your written informative text as a multimodal product. You may wish to do this as a speech, presentation, video, pamphlet. Try mirroring industry writing.

SUCCESS CRITERIA

Create a success criteria for your multimodal informative text. .

TEXTUAL TRIANGLE

Create a textual triangle for your Informative Text. This will be your planning. **You will need to decide on your form.**

CONVERSATION WITH TEACHER

Have a conversation with your teacher 'pitching' your idea to them. They will give you feedback before you draft it.

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ESSAY QUESTIONS

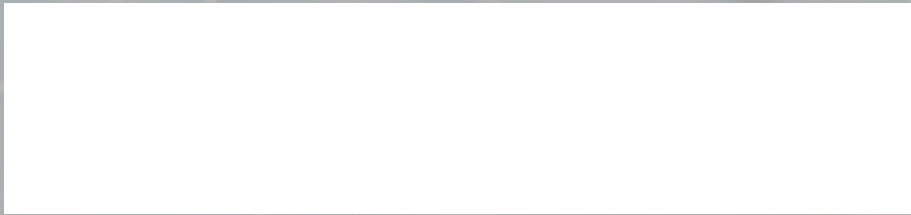
 =CHALLENGING

- 1) Outline the ways in which digital technology has advanced your chosen field.
-  2) "In medicine and healthcare, digital technology could help transform unsustainable healthcare systems into sustainable ones" - The Futurist. Discuss this quote with reference to your understanding of how technology is a tool for reaching more people.
- 3) Justify the importance of adapting language to meet the needs of your audience in the context of your chosen field.
- 4) Outline ways in which technology can solve issues and challenges within your chosen field.
-  5) Describe the pros and cons of new technologies within the healthcare industry, with specific attention given to your chosen field of interest.
- 6) Evaluate the impact of social media and the internet on the way in which people access and receive information about healthcare.



UPGRADEABLE YOU

CERTIFICATE OF COMPLETION



Completion of the unit "Upgradeable You".
Equivalent of 25 hours of the Stage 5 English Course.

Supervising Teacher

Student

