# WRITING A POPULAR JOURNAL ARTICLE

TIMOTHY COLLINSON
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Consider: What have you written in the last week? Assignment, email, social media post?

We may not consider ourselves 'writers' (imposter's syndrome!) but we have writing skills and can develop them further.

The Institute of Physics and the Industrial Advisory Board have recommended this assignment – it will help with both employability and make your final year report easier.

This lecture focusses on the assignment but includes thoughts on the bigger picture for those who'd like to step up and actually submit an article to a journal.

My credentials? I've had a chapter in an edited book published as well as several academic journal articles and conference papers. One of which took me to Ostrava to present at a conference and another which won a small award – so you never know where your writing might take you. On the 'popular' side, I've written several books and dozens of articles for a hobby. This isn't to boast but to encourage you to know that if an ordinary librarian can do that, then there's no reason you can't.

# DON'T DO THIS!

"My advice to the young writer is likely to be unpalatable in an age of
instant successes and meteoric falls. I tell the neophyte: Write a million
words—the absolute best you can write, then throw it all away and bravely
turn your back on what you have written. At that point, you're ready to
begin."

DAVID EDDINGS (KNOWN FOR WRITING EPIC FANTASY BOOKS)

If you've done any reading on writing, you may have come across quotes like the one on this slide and the next.

Don't do either of these! They're really a way of saying practise, practise and have a passion about what you're doing. Look for opportunities to write and to improve your writing (vocabulary, style and so on).

# DON'T DO THIS!

"Writing is easy. Just sit at your page and open a vein."

WALTER "RED" SMITH

(also attributed to Ernest Hemingway)



Before we start, it's worth considering different types of periodical:

- Academic journal
- Trade literature
- Popular magazine



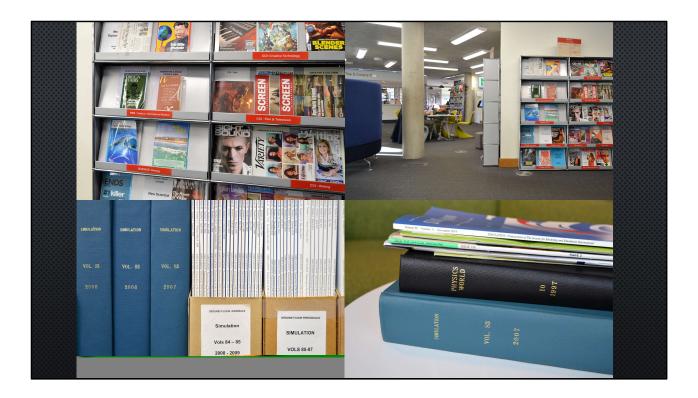
You can usually tell the difference with a quick look inside.



The first usually has longer research articles, few/no pictures, extensive reference lists and these days are rarely in print but electronic only. They are almost always peer-reviewed and considered 'scholarly'

Popular magazines will have shorter articles (and possibly very short ones that don't even list an author), plenty of pictures and 'box' text etc, take a much more generalist reader approach and if they have reference lists, will be very short. These will not be peer-reviewed and are not generally considered 'scholarly'.

In between is trade literature aimed at specialists in a field and may have one or two longer, more scholarly articles, but will tend to look more like popular magazines in terms of pictures and shorter, easier to read articles. They may well also have a lot of advertising aimed at practitioners in the industry or field. These articles are not usually peer-reviewed and thus not considered scholarly, but this can vary.

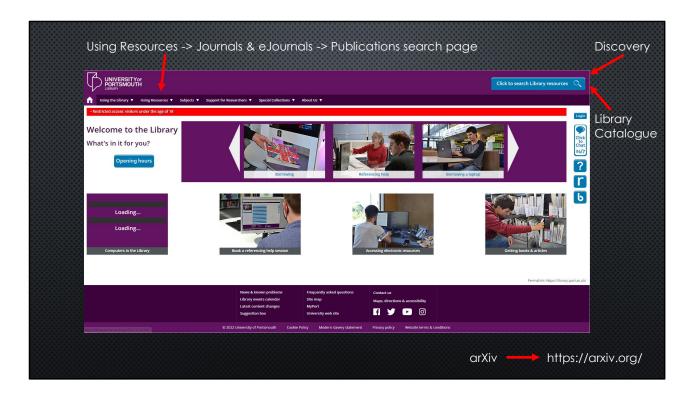


You can find current issues of the Library's popular magazines which tend to still have print version on the Ground Floor near the café on display shelves. We may not have electronic access to this type of material, but two places to look are in PressReader which will have 'image' versions (that look like the print) or Nexis (which will only have the text). Both can be found here:

https://library.port.ac.uk/subject/page2330.html#t2330

Academic journals and back issues of popular magazines are on the second floor and may come in bound volumes or bankers boxes of individual issues.

Almost all academic journals are now only available electronically – see our Publications Search Page to find them by journal title/keyword: https://library.port.ac.uk/ejournals.html OR use Discovery to find them by subject at an article level.



Electronically, you can use Discovery to find journal/magazine material and then use the Refine Results -> Source Types option on the left to limit to, for example, Academic Journals, Trade Publications or Magazines.

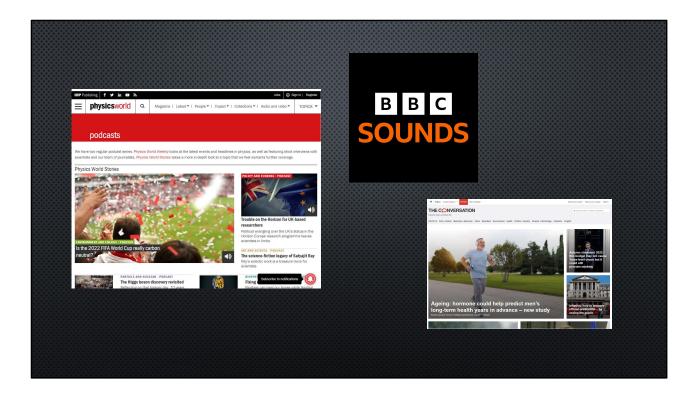
To find specific journal titles use the Library Catalogue to find print, or use the Publications Search Page to find electronic titles: link here: https://library.port.ac.uk/ejournals.html

We'll explore this more in the Level 5 induction but if you want to get a head start, use your Subject Page: https://library.port.ac.uk/subject/sub45.html

Don't forget you can use repositories such as arXiv to find further academic journal titles on physics and mathematics when it comes to locating material for the two articles you need to review. ArXiv is an Open Access repository where the articles should be full text for you to read immediately. If you come across material that you would like to read, but which we don't have access to, you can request an Interlibrary Loan: https://library.port.ac.uk/w61.html

It's worth starting work on this assignment now and not leaving it until next year as it takes time to get used to the resources on offer and how best to search them. It will

also give you time to be inspired by articles that interest you. It may also take a few days to get an Interlibrary Loan from another library.



As well as printed/electronic journal articles, don't forget that you can access similar content via podcasts and blogs:

e.g.

https://physicsworld.com/l/audio/

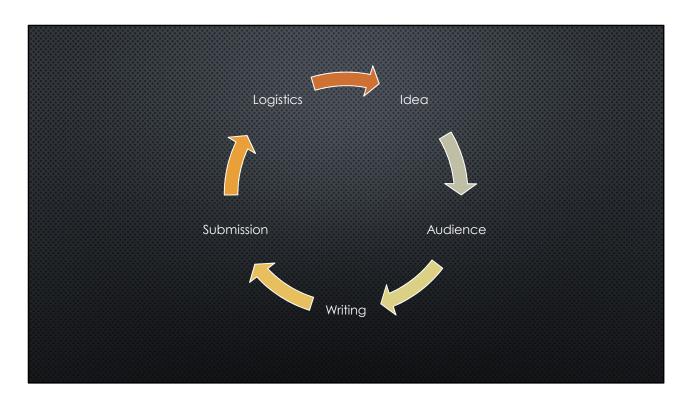
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BBC Sounds https://www.bbc.co.uk/sounds

and

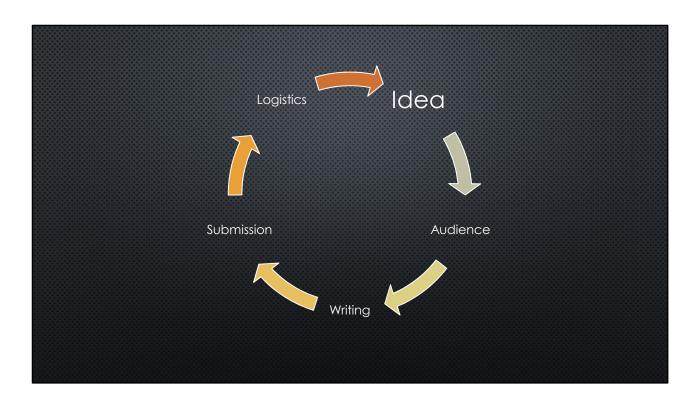
https://theconversation.com/uk

As the last two are not physics specific, use the search tool for 'physics' or other subjects of interest (astronomy, biography etc)



Let's think of the process as somewhat cyclical – but this isn't hard and fast. You may be reading a periodical and considering its audience when an idea strikes you. Some of the 'logistics' as I've called it here, might be things to track throughout your writing.

You may also feel that you don't want to start again once you've finished the assignment. But don't miss the opportunity to consider whether your article (or another) one, could actually be submitted somewhere. This might lead to further opportunities. (One academic article I wrote was by invitation following a previous submission.) It might even be that you find the process inspirational enough that you have an idea for the 'next thing'.



We can think about our initial Idea with:

- Capture
- Input
- Practice

INFORMATION SKILLS	Bullet			
University Library	Journalli	ng		
good skills and habits in digital or phys journalling as it is very quick and easy to	cal formats. If not, you mig learn but very powerful in im	ht want to try bullet		
solution. It encourages mindfulness and text to highly artistic and colourful creation	eflection and it can range from E. You can use any notebook	n simple word based although aficionados		
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page spread divided into six parts for the rithe appropriate month. See above for an (e.g. O), or tasks (e.g. □) and they can buse 'l' for information, or '' (a hyphen) for the control of the contro	ext six months. Events and t example. You can use differe filled in when completed (i.e.	nt symbols for events . ● ■). Or you might		
(see left where t				
Monthly Log and E= exercise	C= caffeine free day, G=	German vocabulary		
practice). You ca	n add trackers if you wish to			
	University Library  University Library  University often requires you to manage information, and co-ordinate life, learning a There are many systems for helping you d good skills and habits in digital or physical journaling as it is very quick and easy to dovetails well with the Getting Things Done  Bullet journalling is an analogue system solution. It encourages mindfulness and next to highly artistic and colourful creations often like A5 dotted grid notebooks for the ideal.  A basic bullet journal consists of a contenpage, future log, monthly log and daily with perhaps a couple of 'collections' a some trackers. These are usually facinaries of pages often called spreads.  The contents page is simply a list of whyou've added to your notebook on whyages. You should assign at least a doul page spread to this.  Next create a future log which is a doul page spread divided into six parts for then the appropriate month. 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A basic bullet journal consists of a contents page, future log, monthly log and daily log with perhaps a couple of 'collections' and some trackers. These are usually facing pairs of pages often called spreads.  The contents page is simply a list of what you've added to your notebook on which pages. You should assign at least a double page spread to this.  Next create a future log which is a double page spread divided into six parts for the next six months. Events and to the appropriate month. See above for an example. You can use difference (e.g. O.), or tasks (e.g. I) and they can be filled in when completed (i.e. use "I for information, or '' (a hyphen) for a note, or invent your own which could mark reading you need to do.  The monthly log lists each day on one line and provides an overview and Eccopia.	University Library  University Library  University often requires you to manage complex schedules, marshal vast amounts of information, and co-ordinate life, learning and reflection across several years.  There are many systems for helping you deal with this and you may have already developed good skills and habits in digital or physical formats. If not, you might want to try bullet journalling as it is very quick and easy to learn but very powerful in implementation. It also dovetals well with the Getting Things Done methodology of David Allen.  Bullet journalling is an analogue system rather than yet another electronic app or online solution. It encourages mindfulness and reflection and it can range from simple word based text to highly artistic and colourful creations. You can use any notebook although afficinados often like A5 dotted grid notebooks for their flexibility. One with preprinted page numbers is ideal.  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#### Capture

There is no limit on what ideas you can bring to your article. But it's important to capture the ideas you have. However much you think you won't forget something that comes to you on the bus or in the middle of the night, it's easy for life to intrude and the idea to be lost.

You can use electronic means – a phone app, or Google Docs/Word etc. Notion and Google Keep are two options for managing this kind of thing.

You can use analogue options such as a bullet journal. See this Library Guide for more: https://library.port.ac.uk/guides/docs/LG797.pdf

(or watch the free tutorial by Ryder Carroll who invented them at https://bulletjournal.com/)

Bullet Journal example: project management, trackers, idea capture, even new word lists

For non-fiction ideas: something you see or hear (in the world around you or via media of one kind or another) might spark your interest or seem curious – hopefully, others will think so too.

For fiction you can note character sketches, potential plots, or perhaps a scene or a setting.

#### Input

You're in the best position to capture ideas if you're getting sufficient input. Whether that's through reading books, magazine articles, blog posts or podcasts. Even lectures!

You can subscribe to IoP for £15/year (see previous week's talk by the IoP rep, Gaynor) – but note Library access to their periodicals is free!

TV or social media can act as input as well, although possibly not as deep or thought provoking (and providing you're not just idly watching or 'doom scrolling')

(Note Library access to Box of Broadcasts (or BoB) for UK Free-to-air type tv:

https://library.port.ac.uk/subject/page1886.html#t1886 even a couple of weeks after it's been broadcast)

Stay informed, be interested and find something interesting (or the assignment becomes harder!)

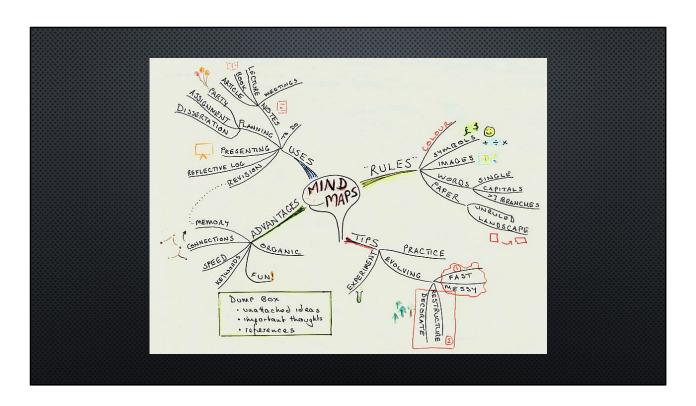
#### **Practice**

Any skill benefits from being developed through practice. Consider ways of increasing your writing output:

Journalling – personal reflections on the day, or a project, or a reflective log as part of coursework.

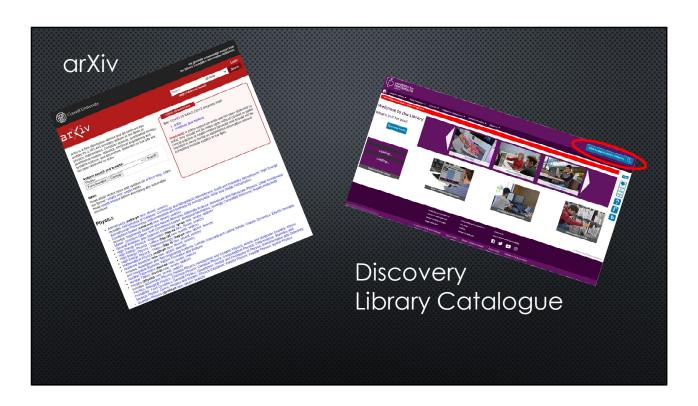
Emailing family or friends who might be delighted to have more than just 'news' (you might even consider a handwritten thank you letter!)

Short book reviews



Once you've had an idea, you might want to expand it using mindmapping techniques: https://library.port.ac.uk/w684

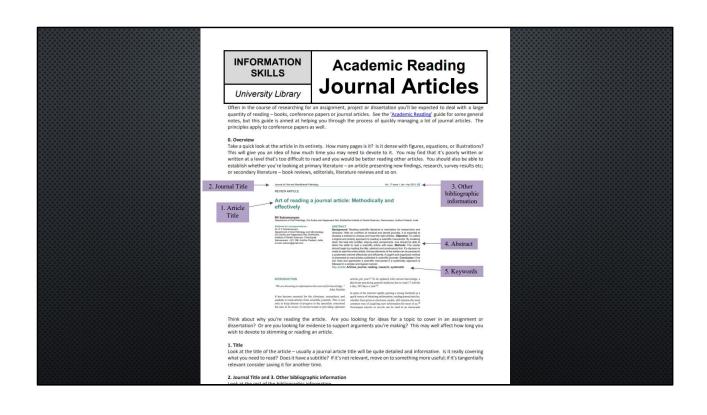
You may also wish to develop an 'angle' – taking a certain approach to writing about your idea that further captures the imagination of the reader or makes it even more interesting.

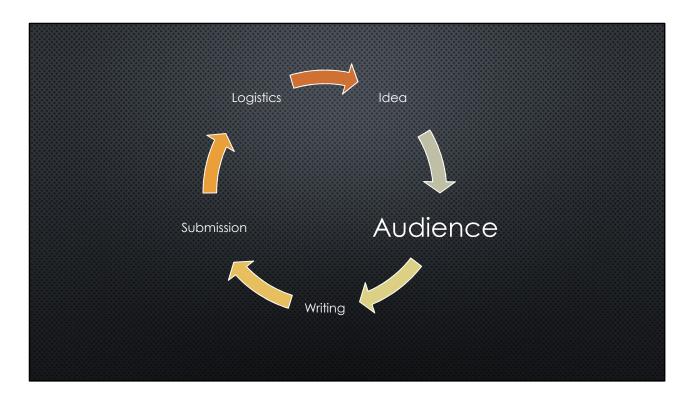


Don't forget that ideas, input and practise in searching/reading can be had from sources such as arXiv and Discovery as mentioned above.

You might find our Library Guides on Academic Reading helpful:
Academic Reading https://library.port.ac.uk/guides/docs/LG282.docx
Academic Reading: Journal Articles https://library.port.ac.uk/guides/docs/LG630.pdf
(see next slide)

Both of which give tips on how to take in more information, more quickly and, dare I say it, without necessarily having to read everything that passes in front of you.





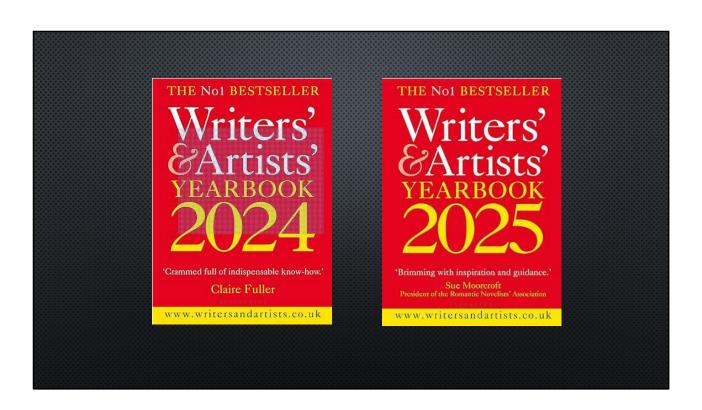
#### Audience

We've already considered the types of periodical you might come across in the course of your studies. Consider their readers and what they're expecting from an article. Consider particularly the language that might be used in a newspaper article or a popular magazine or an academic journal article. Word length, jargon and so on. Is the reader a specialist, an academic but *not specialist* in that field, a layperson, a young person/child?

Don't assume they know everything; don't even assume they know all that you know. You may wish to consider 'box' text with explanations of difficult concepts or words. Bear in mind, however, the submission requirements and in particular the length of the article.

Outside your assignment, you can get really good advice on periodical requirements (and other writing tips) from publications such as the *Writers' & Artists' Yearbook* (available in the Library both in print and electronically). This will also give contact details so you can send in a query to establish interest. Or you may need to send an enquiry to a periodical or a blog editor to get submission guidelines if they're not on the web. Academic journals (and others) will often have the submission guidelines included on an editorial page.

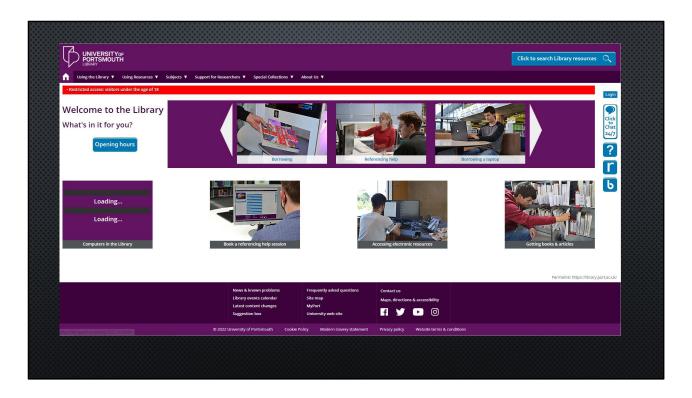
When considering your audience, don't forget to grab the interest of the reader! It helps if your interest has been grabbed in the first place. If you're not excited by something, it's much harder to excite your readers.



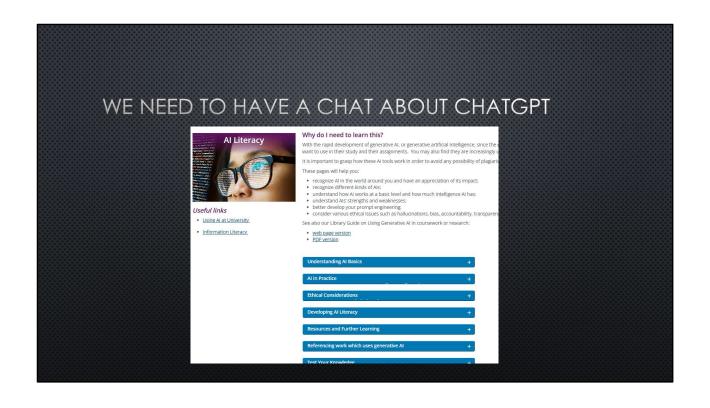
For more advice and loads of resources you might find helpful around writing and publishing, try this title:

https://prism.librarymanagementcloud.co.uk/port/items/703491 OR

https://www.amazon.co.uk/Writers-Artists-Yearbook-2025/dp/1399411780



Don't forget that you can find the Writers' and Artists' Yearbook, and other books on writing which we'll see in a moment, via the Library Catalogue – available from the big blue button on the top right of Library homepage.



# GENERATIVE AL

- Ethical issues (Intellectual Property)
- Moral issues (energy demands, abuse of low-income workers)
- <u>UoP guidelines</u> and academic misconduct
- Pragmatic issues: poor style, unimaginative (only knows what its read and not truly creative)
- Also: doing yourself no favours in learning, creativity and critical thinking development

"Using ChatGPT to complete assignments is like bringing a forklift into the weight room; you will never improve your cognitive fitness that way."

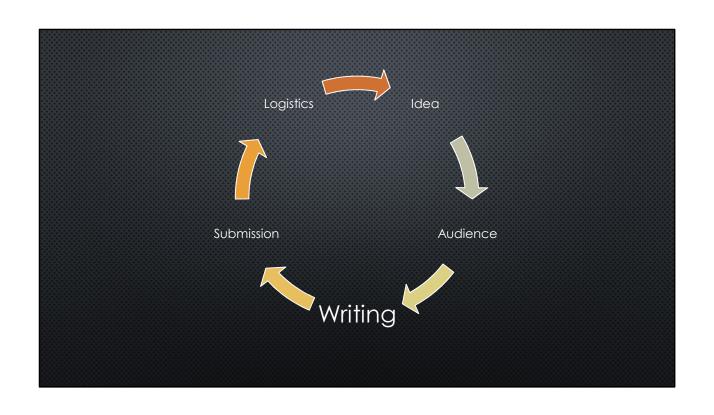
TED CHIANG, WHY A.I. ISN'T GOING TO MAKE ART

See the Library's AI Literacy Pages: https://library.port.ac.uk/w1033 (some highlights in the bullet points here)

UoP guidelines: https://myport.port.ac.uk/study-skills/digital-skills/using-ai-at-university

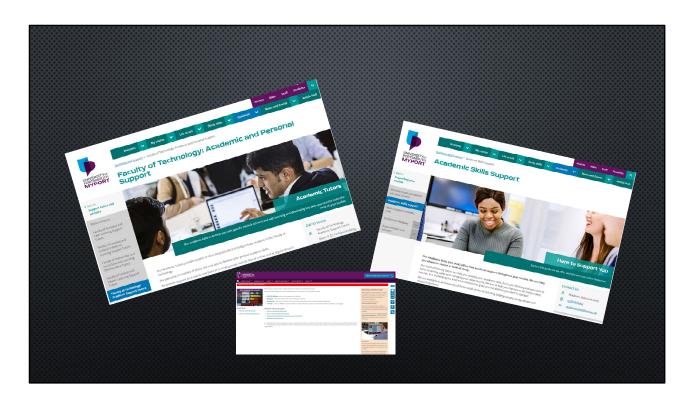
"Using ChatGPT to complete assignments is like bringing a forklift into the weight room; you will never improve your cognitive fitness that way."

Ted Chiang essay: https://archive.is/uTnxC





Just a few of the books we have available to help with the writing process.



Don't miss the additional support that the University can offer:

# **Academic and Personal Support**

https://myport.port.ac.uk/guidance-and-support/supporting-your-studies/support-tutors-and-advisors/faculty-of-technology-academic-support-tutors

#### **ASK**

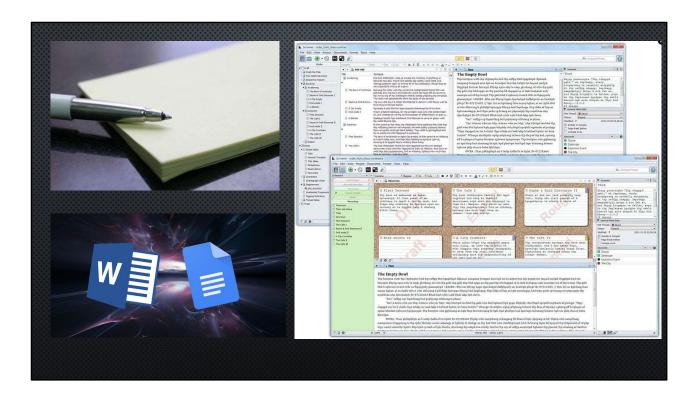
https://myport.port.ac.uk/guidance-and-support/supporting-your-studies/academic-skills-support

# **Library (referencing)**

https://library.port.ac.uk/w165.html

# **Library (resources on writing)**

- Check the Library Catalogue (or look at the 808.02 section on the second floor)



Get in good habits regarding notetaking and developing your work and then doing the actual writing. At different stages you may wish to use good old pen & paper, you might be using mindmapping software to develop an idea, you can use Word or Google Docs and so on to do the actual writing. If you're managing a lot of projects or a very big project, you might explore specialist software that helps manage the structure and the background information you might require. (Personally, I find that more than about 15,000 words become difficult to manage in Word or Google Docs, but even short form work can benefit from software such as Scrivener).

#### Benefits of physical note taking:

https://basehq.com/resources/pen-and-paper-the-benefits-of-physical-note-taking/

Using Word or Google Docs etc to their fullest.

Software tools such as:

Scrivener:

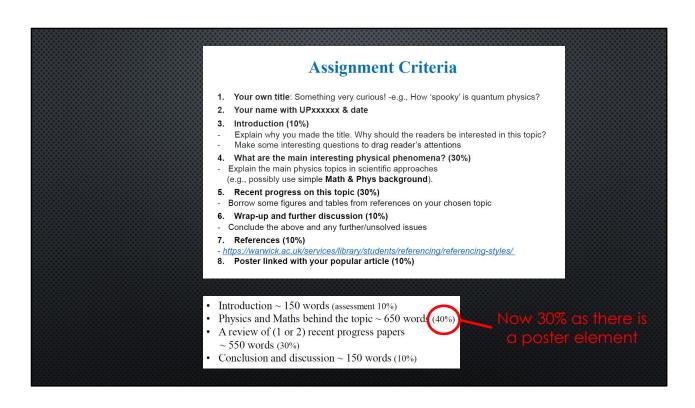
https://www.literatureandlatte.com/scrivener/overview

**Bibisco** 

https://bibisco.com

Atticus https://www.atticus.io

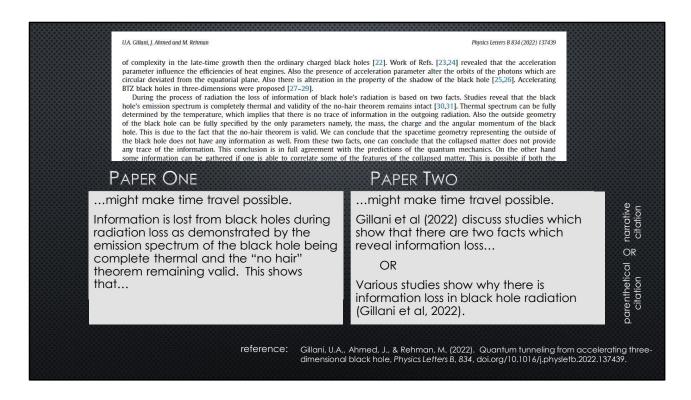
iA Writer https://ia.net/



Pay careful attention to the assignment criteria and exactly what you're being expected to produce.

Note that this offers a handy framework for breaking down the assignment into manageable chunks.

(Note the glitch in the criteria which repeats last year's numbers; now revised due to the poster element of the assignment).



#### **Plagiarism**

Consider these two papers. What do you note about them?

#### Paper One:

- no attempt at a citation or referencing
- in trying to paraphrase it changes the words but doesn't attempt to make it any clearer (and arguably makes it less clear)

#### Paper Two:

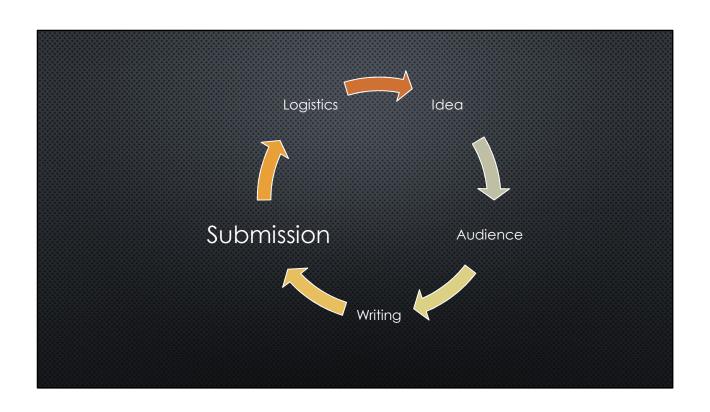
- makes it clear that it is based on someone else's work using a correct citation
- makes the original academic article clearer for a non-specialist audience
- the citation leads to a correctly formatted reference at the end of the article

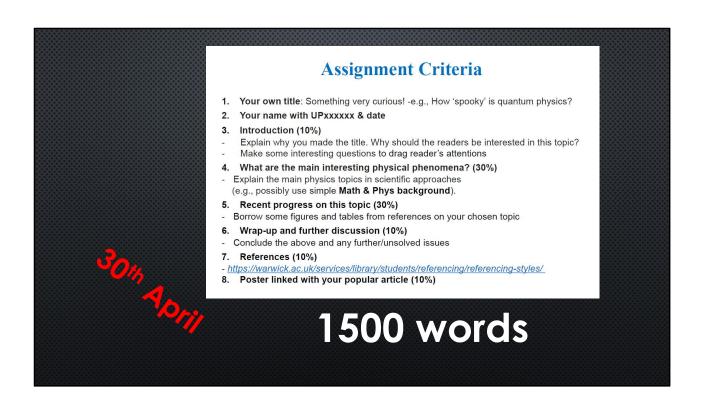
#### Note also:

Narrative citation: the citation is the main subject of the sentence, only the date goes in parenthesis.

Parenthetical citation: the citation is just mentioned in passing as additional information, name and date go in parenthesis.

Which to use? Entirely a matter of choice as to how you're constructing your sentences and your arguments.





The deadline might seem a long way off but it will take time for you to identify an interest, find relevant papers, structure your discussion and write the assignment. This is best done early rather than trying to leave it until the night before it is due in.

### **PROOFING**

- · Spell check
- · Grammar check take care!
- Print out
- · Sleep on it
- · Another pair of eyes
- Submitting: deadline? Payment/Award? Courage!

Don't leave it till the last minute!

Proof-reading is something of an art and needs care.

- Spell check anything you're not sure of
- Use inbuilt grammar checking tools with care as they do not always give good advice
- You can proof-read much more effectively on print out rather than screen.
- It's often worth sleeping on a writing project (particularly if there is personal/emotional content) as you may feel differently in the light of another day or may have good ideas come to your subconscious as you think about the work.
- It's worth getting a friend to cast another pair of eyes over any writing project as they may see flaws or errors that you've missed.
- Beware of working right up to a deadline and then finding you have a technical problem or some such which means you can't submit in time. Sometimes, particularly sending creative work that you're invested a lot in, can take some courage to hit 'send' or 'submit'. If you've done the work to the best of your ability, you can take heart from other feeling much the same way.



Don't set the 30<sup>th</sup> April as your deadline but take Hooshyar and Jaewoo up on their offer to look over your work a couple of weeks before.

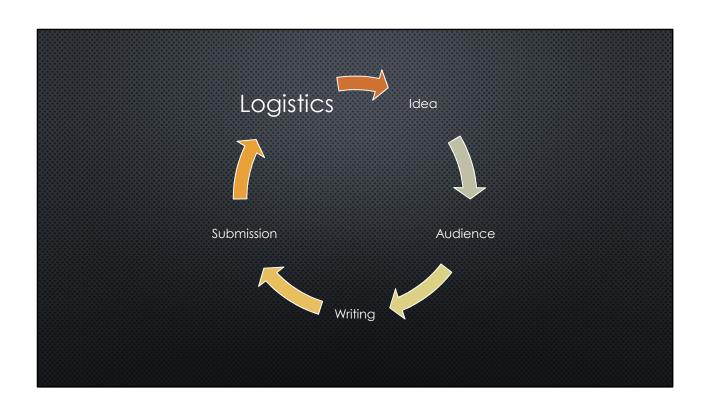
This is an invaluable offer which may materially affect your mark.

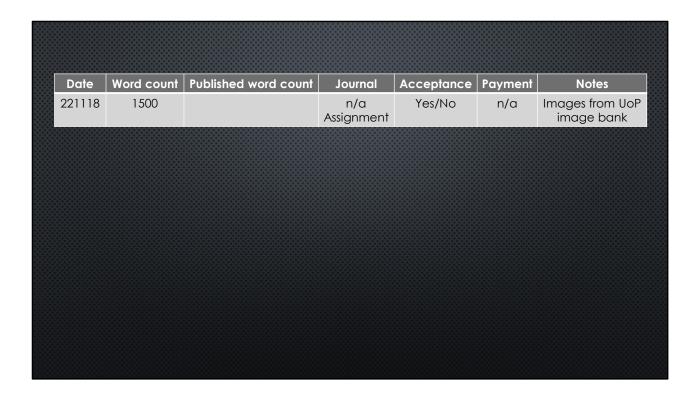
This has the added advantage that if you can't quite meet the 'deadline', you still have some time to fix the problem.



Don't miss this opportunity that may be able to publish your work: https://ipipublishing.org/index.php/emjsr

It was established by one of our very own academics at UoP: https://www.port.ac.uk/news-events-and-blogs/empowering-tomorrows-scholars-the-journey-of-establishing-the-emerging-minds-journal-for-student-research

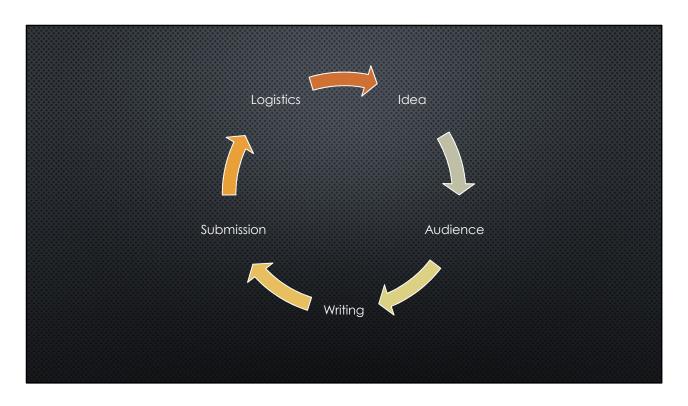




An example of a spreadsheet entry to track multiple submissions.

If you are submitting multiple articles to multiple journals, it's worth keeping track of what you've sent where and what the results are.

It may even be worth doing this for assignments – particularly if you have a lot due around the same time. You can replace 'payment' with mark assigned.



Good luck!