



Lakehead
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Student
Affairs



Artificial Intelligence & Academic Integrity

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Artificial Intelligence & Academic Integrity

1. Introduction

- What is AI? How is it being used by students? What are the threats?

2. Preventative Measures (detection, strategies & best practices)

3. Student Code of Conduct- Academic Integrity policy

4. Addressing the Issue & Next Steps

- Senate Teaching & Learning
- Faculty Panel Discussion (Next week)
- Resources



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Introduction

1. What is AI?

- Predictive vs. Generative AI

2. Potential Uses and Threats?

- Paraphrasing tools, ChatGPT, Dall-E and more

3. The Future

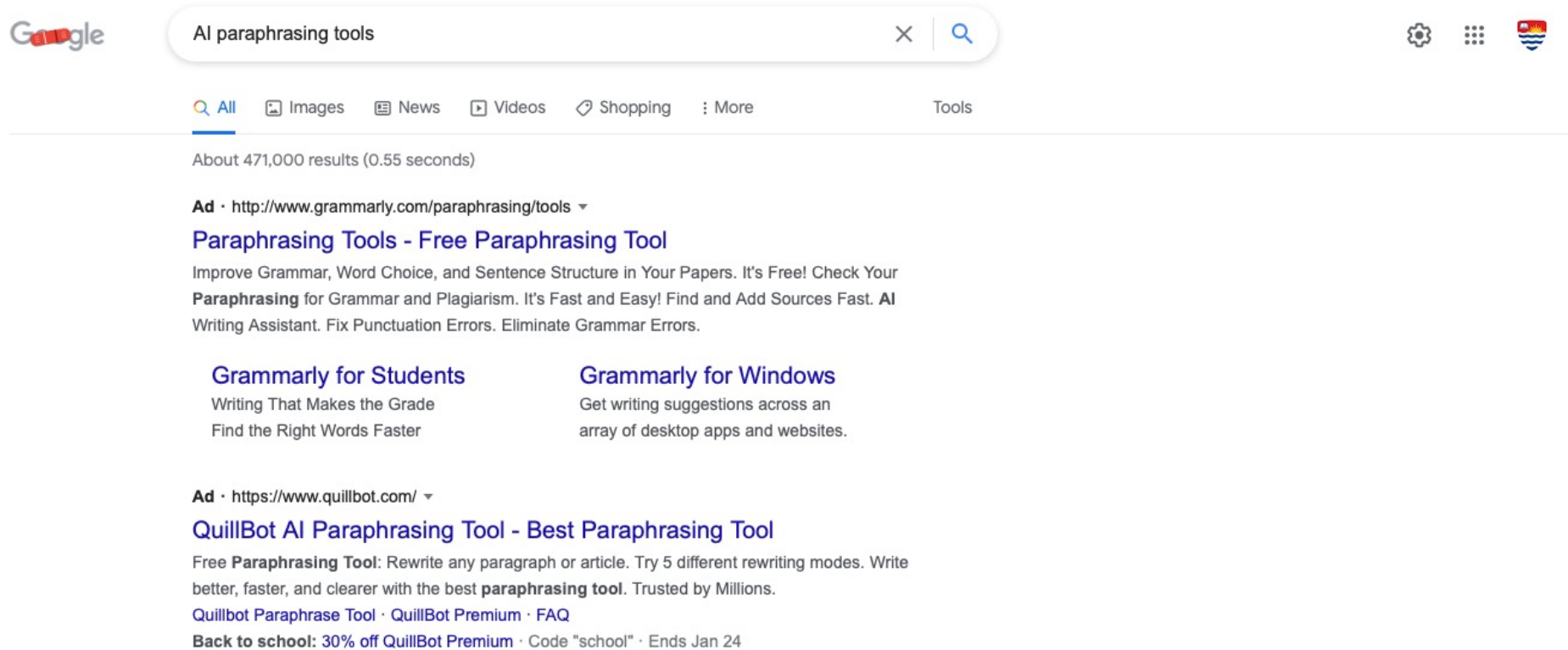
- It is here to stay
- This is just the beginning
- It will be a part of all our lives moving forward (more than it is now)



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Paraphrasing Tools



The screenshot shows a Google search interface. The search bar contains the text "AI paraphrasing tools". Below the search bar, the results are displayed. The first result is an advertisement for Grammarly, titled "Paraphrasing Tools - Free Paraphrasing Tool". The description for this ad mentions improving grammar, word choice, and sentence structure. Below the ad, there are two links: "Grammarly for Students" and "Grammarly for Windows". The second result is an advertisement for QuillBot, titled "QuillBot AI Paraphrasing Tool - Best Paraphrasing Tool". The description for this ad mentions a free paraphrasing tool that rewrites paragraphs or articles. Below the ad, there are links for "QuillBot Paraphrase Tool", "QuillBot Premium", and "FAQ". At the bottom of the ad, there is a promotional message: "Back to school: 30% off QuillBot Premium · Code 'school' · Ends Jan 24".

Google

AI paraphrasing tools

Settings Grid YouTube

All Images News Videos Shopping More Tools

About 471,000 results (0.55 seconds)

Ad · <http://www.grammarly.com/paraphrasing/tools> ▾

Paraphrasing Tools - Free Paraphrasing Tool

Improve Grammar, Word Choice, and Sentence Structure in Your Papers. It's Free! Check Your **Paraphrasing** for Grammar and Plagiarism. It's Fast and Easy! Find and Add Sources Fast. **AI** Writing Assistant. Fix Punctuation Errors. Eliminate Grammar Errors.

Grammarly for Students
Writing That Makes the Grade
Find the Right Words Faster

Grammarly for Windows
Get writing suggestions across an array of desktop apps and websites.

Ad · <https://www.quillbot.com/> ▾

QuillBot AI Paraphrasing Tool - Best Paraphrasing Tool

Free **Paraphrasing Tool**: Rewrite any paragraph or article. Try 5 different rewriting modes. Write better, faster, and clearer with the best **paraphrasing tool**. Trusted by Millions.

[Quillbot Paraphrase Tool](#) · [QuillBot Premium](#) · [FAQ](#)


Back to school: 30% off QuillBot Premium · Code "school" · Ends Jan 24



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Speedwrite:

 Too long. Split for better prediction.

War and Peace broadly focuses on Napoleon's invasion of Russia in 1812 and follows three of the most well-known characters in literature: Pierre Bezukhov, the illegitimate son of a count who is fighting for his inheritance and yearning for spiritual fulfillment; Prince Andrei Bolkonsky, who leaves his family behind to fight in the war against Napoleon; and Natasha Rostov, the beautiful young daughter of a nobleman who intrigues both men. As Napoleon's army invades, Tolstoy brilliantly follows characters from diverse backgrounds—peasants and nobility, civilians and soldiers—as they struggle with the problems unique to their era, their history, and their culture. And as the novel progresses, these characters transcend their specificity, becoming some of the most moving—and human—figures in world literature.

 Predict

title: Untitled

⇄ Paste at least 5 paragraphs (100+ words) into the left window. Use the "Predict" button.

In War and Peace, Tolstoy follows three well-known characters: Pierre Bezukhov, Prince Andrei Bolkonsky, and Natasha Rostov. The novel features a diverse cast of characters, each of whom struggles with the issues unique to their era.

The novel focuses on Napoleon's invasion of Russia in 1812. It follows three well-known characters: Pierre Bezukhov, Andrei Bolkonsky, and Natasha Rostov.



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Write a paragraph on the effect of climate change on carbon sequestration in boreal forests

Climate change has had a significant impact on the carbon sequestration capacity of boreal forests. Warmer temperatures have resulted in an increased respiration rate of trees and soil, which decreases their ability to act as carbon sinks. Additionally, drought conditions have caused increased mortality of trees, releasing stored carbon back into the atmosphere. Forest fires, a natural part of boreal ecosystems, have become more frequent due to climate change, further contributing to carbon emissions. Furthermore, changes in the timing and intensity of precipitation can lead to decreased nutrient availability, further reducing the carbon sequestration capacity of boreal forests. Overall, climate change has caused a decrease in the carbon sequestration capacity of boreal forests.



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Write a discussion post about the theme of Macbeth that cites two sources

Macbeth is a classic Shakespearean tragedy that touches on many relevant themes. The play has been studied and analyzed for centuries, and there are many interpretations of its themes. One of the most prominent themes in Macbeth is ambition. Macbeth's ambition for power and dominance leads to his downfall, and the play explores the consequences of unchecked ambition. As the play progresses, Macbeth's ambition is increasingly destructive, and the consequences of his actions become more severe.

Other themes in Macbeth include the power of guilt and the consequences of violence. Macbeth is consumed by guilt for the actions that he has taken to achieve his ambitions. He is haunted by the ghosts of those he has killed and can no longer enjoy his newfound power. The violence in the play also has consequences, as Macbeth's actions lead to civil unrest and the eventual downfall of Scotland.

The themes of ambition, guilt, and violence in Macbeth are still relevant today. As noted by Harpham "these themes are still applicable to the realities of society and the human condition" (Harpham, 2008). Similarly, in a study of the play's themes, Smith argues that Macbeth is "a timeless warning against the dangers



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Write a 5 paragraph reflective essay on the effects of colonialism on indigenous peoples of Canada. Include citations from at least 10 sources.

The effects of colonialism on indigenous peoples of Canada have been devastating and long-lasting. Through a combination of forced assimilation, land theft, and the suppression of culture and language, colonialism has greatly impacted the lives and well-being of indigenous peoples in Canada.

One major effect of colonialism has been the loss of land and resources. Beginning in the late 1800s, the Canadian government implemented policies such as the Indian Act and the residential school system, which forced indigenous peoples off their traditional lands and onto reserves. This has resulted in a loss of access to traditional hunting and fishing grounds, as well as the loss of valuable resources such as minerals and oil.

Another significant impact of colonialism has been the destruction of indigenous cultures and languages. The residential school system, which operated until the 1990s, was designed to assimilate indigenous children into mainstream Canadian society. As part of this process, children were taken from their families and forced to attend schools where they were punished for speaking their native languages or practicing their traditional cultures. This has resulted in a loss of cultural knowledge and practices among many indigenous communities.

In addition to the loss of land and culture, the effects of colonialism have also included economic inequality and health disparities. Indigenous peoples in Canada are disproportionately represented in lower income brackets and face higher rates of poverty and unemployment. They also have significantly worse health outcomes, with higher rates of diabetes, heart disease, and substance abuse compared to non-indigenous Canadians.

Overall, the effects of colonialism on indigenous peoples of Canada have been far-reaching and deeply damaging. Through policies of assimilation and land theft, indigenous peoples have lost access to their traditional lands and resources, as well as their cultural practices and languages. This has resulted in ongoing economic inequality and health disparities, and has greatly impacted the well-being of indigenous communities in Canada.

Sources:

Try again

1. "The Indian Act." Indigenous and Northern Affairs Canada.



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DALL·E History Collections

Edit the detailed description

Surprise me

Upload



Victorian Era Painting Canadian North

Generate



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Preventative Measures

1. Proactive Preventative Measures

- Discussions with your students (appeal to both hearts & minds)
- Course syllabus statements
- Creative assessment strategies

2. How to Catch AI Usage... Look for:

- Odd and/or repetitive language
- Lack of specific details or examples
- Absence of personal pronouns
- Incorrect, missing or fabricated citations or quotes

3. AI Detection Tools

- They exist, but are not reliable (GPT-2 Output Detector, GPTZero, Ouriginal)
- Some can infringe on a student's IP rights



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Academic Integrity Code

1. Is it a violation of the Code?

- 26 b. *Use of Unauthorized Materials?*
- 26 a. *Plagiarism?*

2. Future update to the language of the policy

- SECTION III- Violations... “not an exhaustive list” ...
- “Use of an unauthorized aid”

3. Can a student cite that they used AI?



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Addressing the Issue

1. What work is being done in the broader community?

- Academic Integrity Council of Ontario is creating a collaborative faculty resource page
- Symposium- Higher Education's thoughtful response to robot writing Feb 6th 7pm
 - https://us02web.zoom.us/webinar/register/1816746783420/WN_p-esUymgRaaLJtHh4EMRQw

2. What is Lakehead doing?

- Senate Teaching & Learning Committee
- Faculty Panel Discussion- ChatGPT, AI & the Future of Teaching (Feb 7 10:30am-12pm)
 - <https://libcal.lakeheadu.ca/event/3717026>
- Session from Academic Integrity Awareness Week: AI & AI
 - <https://www.youtube.com/watch?v=IVYwse1VnSw>
- Student Panel in the works- Date TBD



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Questions?

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