

PAIRR Required Student AI Literacy Readings

Introduction to AI	Synopsis	Discussion Questions
AI and College Writing , Mills (6 pgs)	Excerpt from <i>AI and College Writing: An Orientation for Students</i> , an OER textbook. Addresses writing to learn, potential uses for AI, and prompting.	<ol style="list-style-type: none"> 1. How do you feel about using AI in your own writing? 2. After reading this, do you think AI should be used in writing? In what ways? Why or why not? 3. During the writing process, when/how might AI be used in ways that benefit learning? What kinds of AI use interfere with learning?
Why does AI hallucinate? , Heaven (1pg)	This MIT review article demystifies how LLMs work and explains why they hallucinate.	<ol style="list-style-type: none"> 1. Heaven explains "it's all hallucination, but we only call it that when we notice it's wrong." How are all LLM outputs "hallucinating" even when they give accurate answers? How are they different from search engines? 2. The article notes that AI generates text that "looks right most of the time," making errors hard to spot. What verification strategies might address this challenge?
Language Justice Equity		
Linguistic Justice and Equity Readings (5 pgs)	Excerpts from "Workin' Languages" by Alvarez, Wan, and Lee, and "ChatGPT Ushers Death Of The Essay, and I'm Here for It" by Michelle Gonzales. Addresses linguistic justice and equity, challenging "standard English" as the only acceptable academic voice, and embracing multilingual identities in writing to counter harmful assimilationist practices.	<ol style="list-style-type: none"> 1. Share a specific example of when you've felt pressure to "clean up" your voice, and discuss what you think would be lost or gained if you wrote more authentically in academic settings. 2. During the writing process, when/how might bringing your authentic linguistic identity benefit your learning and

		<p>communication? What happens when you "clean up" or censor your voice?</p> <p>3. In a world where AI can generate "perfect" standard English, what becomes the value of developing your own authentic writing voice? How might the principles of linguistic justice change how we think about human writing versus AI-generated text?</p>
Linguistic Justice and Equity Contextualized Video Excerpts (16 minutes)	<p>This video contains excerpts of four TED talks exploring language diversity and identity: Lera Boroditsky on how language shapes cognition, Karen Leung on multilingual benefits and linguistic bias, Anna Faith on integration versus assimilation, and Jamila Lyiscott's spoken word performance celebrating trilingual identity and challenging linguistic hierarchies. The videos are stitched together with brief interludes to build from one to the next, and to contextualize how they relate to one another.</p>	<ol style="list-style-type: none"> 1. Karen Leung argues that multilingualism provides cognitive benefits, while Anna Faith distinguishes between assimilation (giving up your culture) and integration (keeping parts of your culture while adapting). How do these ideas connect to your own experience with different ways of communicating? Have you ever felt pressure to "assimilate" linguistically? 2. Lera Boroditsky's research shows that different languages actually shape how we think about space, color, and other concepts. Based on this research, what might we lose as a society when we devalue linguistic diversity? What could we gain by embracing the different ways people speak and think? 3. How do you feel about the relationship between language and identity in your own life? Does that relationship impact your writing?

OPTIONAL

Bias & Stereotypes	Synopsis	Discussion Questions
How AI reduces the world to stereotypes , Turk (4.5 pgs + 2 pgs photos,)	Investigates how generative AI models perpetuate cultural and national stereotypes in their image outputs.	<ol style="list-style-type: none"> 1. Turk's analysis of country-specific images reveals stark stereotyping. In what ways do these images reflect stereotypical and narrow views of different countries' people, streets, homes, and food? How might these stereotyped portrayals influence users' perceptions of cultures they've never experienced directly? 2. What are some potential real-world harms from widespread use of biased AI imagery in areas like advertising, criminal forensics, or media representation? 3. How might we improve training materials or design other solutions to counter cultural stereotypes in AI-generated images? When using AI, how can individuals remain critically aware of stereotypes?
How AI Image Generators Make Bias Worse , London Interdisciplinary School, Student Presentation Addressing bias in AI Center for Teaching Excellence	(includes activities)	

Environmental Impacts	Synopsis	Discussion Questions
Explained: Generative AI's environmental impact , MIT News, (1pg)	Very brief discussion of AI's environmental impact, including energy and water use.	Have you heard about AI's environmental impacts before? Which environmental impacts surprised you?
Nine takeaways: webpage comparing energy consumption , Ippolito (1pg)	Compares energy and water use by AI to other types of energy use.	If you choose to use AI, what practical steps might you take to reduce your energy use in another area?
We did the math on AI's Energy Use , O'Donnell & Crownheart	An in-depth investigation of AI's energy use.	
	Explores the intersection of AI	

"Indigenous AI: revolution of Colonizer Bullsh*t?", Wilbur & Lane, 45 min podcast	environmental impact & indigenous data sovereignty.	
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Additional Introduction to AI Materials. *May be paired with above Introduction to AI readings*

Student Guide to AI Literacy , MLA Style Center/MLA Task Force on Writing and AI (1pg)	A useful AI Literacy framework	
TikTok video on ChatGPT as predictive text , @mor10webn (3 min)	Great explanation of why AI systems don't actually have any knowledge.	
AI Can Do Your Homework: Now what? , Fong (video, 17 mins)	Students and teachers grapple with the rise of chatbots. Many perspectives.	
Acknowledging and Citing Generative AI in Academic Work , by Liza Long, adapted by Anna Mills (article, 4 pages)	A guide to citing AI content in MLA or APA format with a checklist encouraging students to fact check and reflect on their use.	
Shaped like Information , Shane (Web article, 1 pg)	Example of AI's lack of actual knowledge, using images.	

Additional Language Justice Equity Materials. *May be paired with above Introduction to LJE materials.*

<ul style="list-style-type: none"> Why English Class is Silencing Students of Color ... No such thing as correct English Kellam Barta T... The Cost of Code Switching Chandra Arthur TED... The Impact of Linguistic Bias in Education Camille... 		
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