

# Large Language Models for (autonomous) University Students **Learning English?**













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# 1. Introduction: Ask Google's Gemini, ex-Bard

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#### 2. Building Vocabulary:

- Fill-in-the-blanks: The LLM can provide you with cloze exercises where you fill in
  missing words in a sentence. This reinforces memorization and context clues.
- Synonym and Antonym Practice: Ask the LLM for synonyms or antonym words you encounter. This helps expand your vocabulary and understand
- Matching Definitions: The LLM can give you definitions and ask you to match them with the correct words. This strengthens your understanding of word meaning.

#### 3. Grammar Practice:

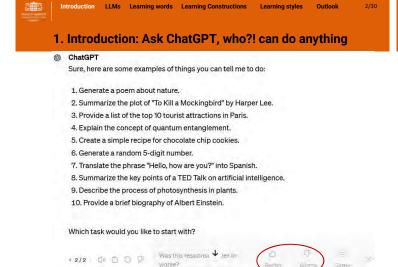
- Sentence Completion: The LLM can provide you with sentence starters or prompts, and you can complete them with grammatically correct structures natically correct structures. This helps practice forming different sentence types.
- neips practice forming different sentence types.

   Error Correction: Write short passages and ask the LLM to identify and correct grammatical errors. This improves your ability to self-edit.

   Grammar Explanation: Ask the LLM to explain specific grammar rules you find challenging. This provides clear explanations and aids understanding.

#### 4. Reading Comprehension:

- Read Aloud: The LLM can read text passages aloud for you. This helps with pronunciation and listening comprehension.
  Summarization: After reading a passage, ask the LLM to summarize the key points. This improves your reading comprehension and summarization skills.
  Ouestion Answering: The LLM can create quizzes based on reading materials, testing your understanding of the text.



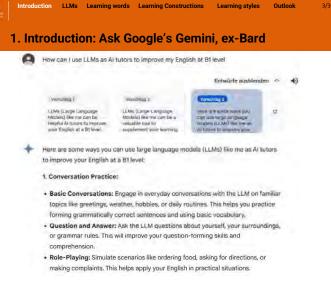


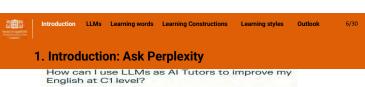
- · Focus on Specific Areas: Identify your weaknesses (vocabulary, grammar) and tailor your practice sessions accordingly.
- Set Realistic Goals: Start with achievable tasks and gradually increase the difficulty as you progress.
- Speak Out Loud: Whenever possible, speak your answers out loud to improve speaking fluency.
- Review and Revise: Regularly go back and review the concepts you learned to solidify your knowledge.

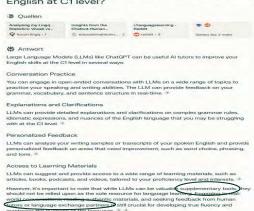
#### Additional Resources:

- . Language learning apps: Many apps like Duolingo, Memrise, and Babbel can be used alongside LLMs for a well-rounded learning experience.
- Online grammar resources: Websites like <a href="https://www.grammarly.com/">https://www.grammarly.com/</a> offer explanations and exercises on various grammar topics.

combining LLM practice with other resources and consistent effort, you can effectively improve your English communication skills towards a B1+ level.







## 1. Introduction: Media-Hype

#### Bill Gates says A.I. could transform education: It 'will be like a great high school teacher' who always gives useful feedback

Specifically, Al chatbots will soon be able to offer helpful feedback nents, Gates sald on his "Unconfuse Me" podcast, in a recent de featuring Khon Academy CEQ Sal Khan.

, few students get feedback [from software programs] on an essay this could be clearer, you really skipped this piece and the being." Gates said. "I do think the AI will be like a great high school her who really marks your essay, and you go back and think, OK. I

https://www.cnbc.com/2023/08/15/

## 2. Large Language Models: Principles

# What Are Large Language Models?

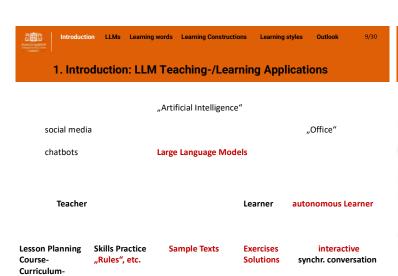
An LLM is a machine learning model that processes and generates human language from training on massive volumes of data. It uses a deep learning algorithm to learn the patterns and nuances of language and provide human-like responses to a wide variety of queries and prompts. LLMs can also learn new skills such as creative writing or sentiment analysis.

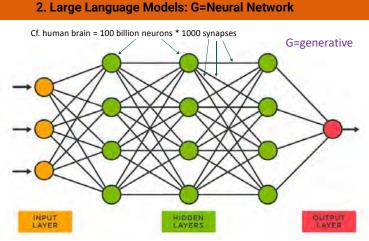
The "large" in its name refers to the size of the datasets on which it's trained. The goal of an LLM at its core is to infer what comes next in a sequence of texts. ChatGPT is a conversational agent built on top of an LLM that can generate text in a way that's extremely similar to humans. When it comes to expanding the search experience, Coveo is testing generative Al capabilities that surface answers directly within search results.



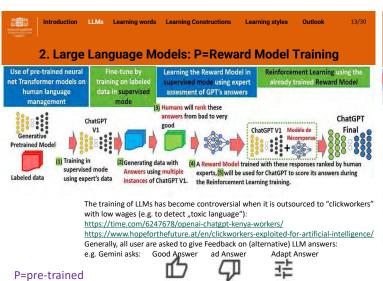


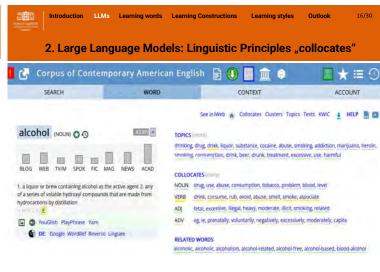


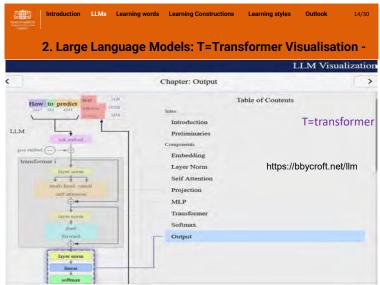


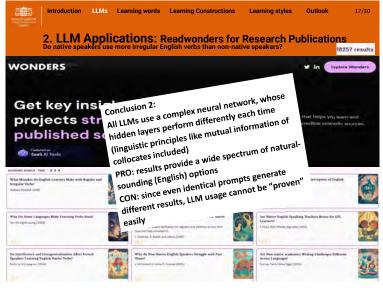


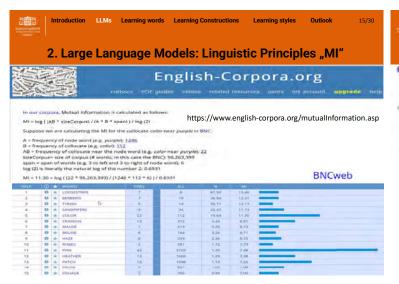
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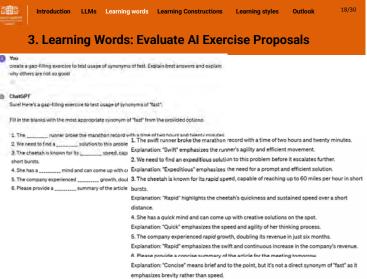












## 3. Learning Words: Evaluate AI Explanations

1. Quick: This synonym emphasizes speed and efficiency in completing a task or action. It often implies a rapid response or movement without delay for example, "She as a quick wat piggests that she is mentally sharp and responds rapidly in conversations.

2. Rapid: Similar to "quick," "rapid" also denotes a high speed or rate of movement. However, "rapid" ends to suggest a swiftness that is sustained (war a period of time) for instance, "The company experienced rapid growth "iglicates; that the growth recoursed withy and continuously.

3. Swift: "Swift" conveys a sense of "peed and apility. Then implying graceful or effortless movement. It is commonly used to describe actions or motions that are smooth and efficient. For example, "The swift runner crossed the finish line first" suggests that the runner moved quickly and amouthly.

4. Speedy: This synonym emphasizes the characteristic of being fast or quick, often in comparison to a standard or expectation. It suggests that something is accomplished or achieved in a short amount of time. For instance, "He provided a speedy resolution to the problem" implies that he resolved the problem quickly, perhaps faster than anticipated. Fleet: "Fleet" refers to a group of vehicles or vessels moving together, but it can also be used to

describe something that moves swiftly or with agility. It often implies a sense of nimbleness or quickness in motion. For example, "The fleet-footed deer darted through the forest" suggests quarkness in motion. For example, "The fleet-footed deer darted through the forest" suggests that the deer moved swiftly and gracefully.

6. Expeditious: This syncory emphasizes the promptness and efficiency with which somethin is done. It conveys a sense of urgency and effectiveness in completing a task or achieving a go For instance, "The committee made an expeditious decision" implies that the decision was ma promptly and efficiently.

Each of these synonyms for "fast" carries its own nuances and connotations, so choosing the mappropriate word depends on the specific context and desired emphasis.

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Explain functions of the English 4. Learning Constructions: Prompt continuous form to a 15-year old

Absolutely! Let's simplify it for a B1-level learner:

1.Actions Happening Now: When we want to talk about actions that are happening right now, we use the continuous form. Like, "I am studying English."

2.Temporary Actions: If something is happening temporarily, like a situation or an action that won't last, we also use the continuous form. For example, "She is staying with her grandparents this week

3.Future Plans: We can use the continuous form to talk about future plans or arrangements that have already been decided. Like, "We are going to the beach tomorrow."

4.Changes or Developments: When we want to talk about changes or do 2 continuous form. For

example, "The weather is getting warmer."

5.Actions Around a Specific Time: If .... pecific time, we use the

continuous form. For instance, "S Conclusion 3:
6.Polite Offers or Requests: Some Prompts should be most specific (incl. wondering if you could help me w. 7.Actions Annoying or Surprises Language level!) and explicit Continuous form. For instance, 'S Control Continuous form, reduced to the continuous form of the continuous form. It am just should be most prompts should be most prompts should be most prompts and explicit wondering if you could help me w. T.Actions Annoying or Surprising:

Anguage level!) and explicit language level!) and explicit should be most prompts or requests. For example, "I am just wondering if you could help me w. T.Actions Annoying or Surprising because it's happening now, we use the continuous form. He was the continuous form, we're talking about actions or situations that are happening right now, temporary.

plans, changes, or actions around a specific time. It's a way to show that something is ongoing or in progress.

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https://www.ldoceonline.com/dictionary/fast

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4. Learning Constructions: Prompt

Write a 300 word story that illustrates

Title: A Day in the Park

As the sun rises over the quiet town, Sarah and her dog Max embark on their daily morning routine. They are strolling through the park, enjoying the crisp morning air and the sounds of nature. Max is handle bush and tree, while Sarah is chatting with fellow dog owners along the crisp. ead, sniffing at every laughing, and sharing

Suddenly, Sarah notices a group Conclusion 4:
their energy and enthusiasm. Or imaginary defenders with ease. S

As the many in the sudden sudd tly, marveling at

or the morning progresses, the pair learners can think of learners can think of learners can think of sense of community it fosters. PRO: LLMs offer fluent native-like English texts, incl. standard explanations, model texts and exercises

standard explanations, model texts and explanations, model texts a aring a sandwich and watching the . ıvıax is lying beside her, panting happily, his tail

As the afternoon sun reaches its peak, Sarah and Max reluctantly begin to make their way home. They are walking slowly, savoring the last moments of their time in the park. Sarah is reminiscing about the day's adventures, already looking forward to tomorrow's stroll. Max is trotting beside her, his leash dangling loosely in her hand. Together, they are enjoying the beauty of the present moment, grateful for each other's company and the simple pleasures of life.

Write a 300 word story that illustrates non-progressive usages of English continuous forms

3. Learning Words: Evaluate "traditional" online Resources

THESAURUS

fast moving or able to move quickly

The cheeten is the fastest enimal in the world a fast car.

quick moving fast or doing something in a short time.
He was much quicker than I was over the first 100 metres.
Do I have time for a quick shower?

gh-speed [only before noun] designed to travel or operate very quickly

decime in the population dexpansion of the times business in the Middle East decime in profits

speedy [only before noun] happening after only a short time

hurried done more quickly than usual, because you do not have much time

hasty deciding or doing something very quickly, especially when this has bad results.
It was a hasty decision, which he later regietted.
Let's not be too heast.



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4. Learning Constructions: Prompt Explain all functions of the English continuous form

progressive function
In English grammar, the continuous form, also known as the progressive form, is used to indicate actions that are ongoing or in progress at a particular time. The continuous form is constructed using a form of the verb "to be" (am, is, are) followed by the present participle (the "-ing" form) of the main verb. Here's an overview of the functions of the English continuous form:

usform is to describe actions that are happening at the moment of [=progressive] unnecessary TENSE complexity

2. Continuous Action in the Past: The continuous formcan also describe actions that were ongoing in the past at a specific moment or during a 2-bott intuited Relation the Franch in reconstruction of intuition and reconstruction of the reconstruction of the specific period. Example: "I was adversal of any period period of the reconstruction of the specific period."

3. Future Plans and Arrangements: The continuous form is sometimes used to talk about future plans or arrangements, especially when those plans

are fixed or have been made in advance. Example: "We are meeting at 7:00 tomorrow." 4. Temporary Stuations: The continuous collocate or sentiment?

Seepetitive Actions with "Always": When combined with "always," the continuous formcan describe actions that are habitual or repeated, often

with a sense of annoyance or first attain. Earning: "She is always, the continuous form and the state each of a large with a sense of annoyance or first attain. Earning: "She is always, interrupting me when I'mtalling."

6. Politeness in Offers and Requests: The continuous form can be used to make offers or requests sound more polite and less direct.

Example: "I was wondering if you could help me with this." 7.Describing Changes or Developments: The continuous form can be used to describe changes or developments that are happening gradually over time. Example: "The climate is getting warmer every year."

8. Background Information in Narratives: In storytelling or narrative contexts, the continuous form can provide background information or set the scene for other events. Example: "It was raining heavily when I left the house."

9.Emphasizing Duration: The continuous form can emphasize the duration of an action or situation, especially when paired with time expressions

Example: "He has been working on this project for months." These functions of the continuous form help convey different nuances of meaning and context in English sentences, allowing speakers to express the express of the continuous form help convey different nuances of meaning and context in English sentences, allowing speakers to express the express of the continuous form help convey different nuances of meaning and context in English sentences, allowing speakers to express the express of the continuous form help convey different nuances of meaning and context in English sentences, allowing speakers to express the express of the express of

ALTERNATIVE- better than 5?

Expressions of Annoyance or Criticism: It's used to express annoyance or criticism about repeated or ongoing actions.

Example: "You're always interrupting me when I'm speaking!"

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4. Learning Constructions: Prompt Correct the following text and

"The fast developments of AI opens up new possibilities for learning and to use foreign languages."

Correction: "The rapid development of AI opens up new possibilities for learning and using foreign languages." Explanation: "Developments" should be singular to match the singular subject "development

"Opens" should be changed to "open" to match the plural subject "developments. "To use" should be changed to "using" to maintain parallel structure with "learning."

"We apply these tools to various types of English texts, such as travelogues, book review, summaries, etc., and discuss the results generated in Al.

Correction: We will apply these tools to various types of English texts, such as travelogues, book reviews, summaries, etc., and discuss the results generated by Al."

Explanation: "Apply" should be changed to "will apply" for future tense consistency.

Book review" should be changed to "book reviews" to match the plural form. "Generated in AI" should be changed to "generated by AI" for clarity and accuracy.

"This course is suitable to anyone who want to create foreign-language texts, especially on an advanced level, either for personal or professional purposes."

Correction: "This course is suitable for anyone who wants to create foreign-language texts, especially at an advanced level, either for personal or professional purposes.

Explanation: "To" should be changed to "for" to convey the intended meaning.

"Want" should be changed to "wants" to match the singular subject "anyone."

### 5. Learning style: Improve AI Proposals

Can you improve the following text to make it more specific academic

#### 

Certainly! Here's the improved version of the text with a more specific academic tone:

"The rapid advancement of artificial intelligence (AI) technology has heralded a new era in language acquisition and utilization. Emerging tools such as ChatGPT, Bard, Perplexity, and DeepL offer unprecedented opportunities for linguistic exploration. While these resources are presently accessible without cost, their effective integration into personal or professional contexts necessitates proficiency acquired through dedicated learning."

"In this instructional program, we will elucidate the fundamental principles underlying prevalent Al tools, colloquially referred to as 'stochastic parrots'. Through practical application, participants will engage with various genres of English literature, including travelogues, literary critiques, and abstracts, leveraging Al-generated outputs for critical examination. Emphasizing iterative refinement over original composition and comparative analysis in lieu of direct translation, the curriculum is tailored to individuals seeking to refine their multilingual textual composition skills, particularly at an advanced level, to serve both personal and professional objectives."



# 2 Introduction LLMs Learning words Learning Constructions Learning styles Outlook

### 6. Outlook: Ethical and legal issues

In the end, the AI user decides – and is responsible!

ranking

- Copyright and other issues unresolved!
- https://noyb.eu/en/chatgpt-provides-false-information-about-people-and-openai-cant-correct-it In academic writing and publishing all aids and resources used must be specified clearly!

After the launch of ChatGPT, the Pandora box opened. We are now observing a technological shift in the ways we do work. People are creating websites, apps, and even writing novels using ChatGPT.

With all the hype and introduction of Al generative tools, we have seen a rise in bad actors. If you are following the latest news, you must have heard that ChatGPT has passed the Wharton MBA exam. There is a whole list of exams passed by ChatGPT, from medical to a law degree – List. Here Are the Exams ChatGPT has passed so Ear.

Apart from exams, students are using it to submit assignments, writers are submitting generative content, and researchers are producing high-quality papers just by typing prompts.

To counter the abuse of generative content, I am introducing you to 5 free Al content detector tools. You can use them to check the validity of the content and improve your SEO

https://www.kdnuggets.com/2023/02/5-free-tools-detecting-chatgpt-gpt3-gpt2.html



