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learning
academic
programme

Advancing Assessment Day

The AI-assisted Language
Learner
Using AI to Enhance Self-
Assessment



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Outline

- Why self-assessment matters
- How can we help our students make the most of AI technology to enhance self-assessment?
- Principles, prompts and strategies

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The importance of self- assessment

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Why self-assessment matters


- Progress
- Learner autonomy
- Lifelong learning



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Issues that hinder self-assessment

- Students may not be able to:
 - self-assess accurately
 - spot errors
 - focus on the important things



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Poll

Are your students using AI for learning English?

What effect is this having on their learning?

- Helping or harming? (Or both?)

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How are students currently using AI?

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- A mixed picture
- For some...
 - as a shortcut, 'offloading' their thinking
 - as a 'magic' answer generator
 - in a way that doesn't support their learning



Photo by iStock/Getty Images

Example

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WRITING

A PREPARE You are going to write a report about current trends in communication. What trends do you notice? You can use the ideas in Exercise A or your own ideas.

B PLAN Choose two or three points to include in your report. These will be your main paragraphs.

C WRITE Write your report (150–200 words). Remember:

- to start with an introduction.
- when you present numbers, show what they mean and how they're connected together.
- to use formal language.
- to end with a conclusion.

D REVIEW Work in groups. Share your reports. Who found the most interesting information? Were you surprised by any of the trends he/she found?

Language Hub, Intermediate

'Please correct' prompt

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Please correct: Current Trends in Communication
Introduction
In the modern world, the communication is changing very fast. Technology make big changes in how people talk with each others. This report explain two important trends that I notice in communication today.
The Social Media Influence
Social media are very popular now days. According to a study, more than 80% of persons use platforms like Instagram and TikTok everyday. This numbers show that many people prefer communicate in digital ways instead of traditional methods. The young people spend approximately 3 hours in these platforms, and they are spending more weeks that don't need laptop.
The Importance of Video Calls
Another trend is video calls. Since the pandemic, many companies and schools start to use Zoom or Teams for meetings. This is important because people can work from their houses and still have face to face conversations. I think this trend will continue in future because it's more convenient and save time for everyone.
Conclusion
In conclusion, communication is very different now than before. The technology change how we connect with other persons in positive ways. Although some people think traditional communication is better, the new trends help us to be more connected with family and friends who live in other places.

Here is a corrected and polished version of your text
Current Trends in Communication
Introduction
In the modern world, communication is changing very rapidly. Technology has made significant changes in how people interact with each other. This report explains two important trends that I have noticed in communication today.
The Influence of Social Media
Social media platforms are very popular nowadays. According to a study, more than 80% of people use platforms like Instagram and TikTok every day. These numbers show that many people now prefer to communicate digitally, rather than using traditional methods. Young people spend approximately three hours on these platforms, and they are spending more weeks that don't need a laptop.
The Importance of Video Calls
Another trend is the use of video calls. Since the pandemic, many companies and schools have started using Zoom or Teams for meetings. This is important because people can work from home and still have face-to-face conversations. I believe this trend will continue in the future because it is more convenient and saves time for everyone.
Conclusion
In conclusion, communication is very different now compared to the past. Technology has changed how we connect with others in positive ways. Although some people think traditional communication is better, the new trends help us to be more connected with family and friends who live in other places.
Would you like help adjusting the level of formality or simplifying the language further?

How much will students learn from this?

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Some hope...

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Original:

In the modern world, the communication is changing very fast. Technology make big changes in how people talk with each others. This report explain two important trends that I notice in communication today.

Correction:

In the modern world, communication is changing very rapidly. Technology has made significant changes in how people interact with each other. This report explains two important trends that I have noticed in communication today.

"...just letting students use AI chatbots can undermine education because the AI gives the **illusion of learning while actually just providing answers**. But AIs properly prompted to act like tutors, especially with instructor support, seem to be able to boost learning a lot through customized instruction."

(Mollick, 2025)

https://www.linkedin.com/posts/fermollick_the-data-so-far-on-ai-as-a-tutor-shows-just-activity-730725737450369024-q7L97uvm_source=share&utm_medium=member_android&utm_source=AG0AA4FmMf1B6EvAt1oo3VAmhR08Mm5DyGow

How can we help our students make the most of AI technology to enhance self-assessment?

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How can we help our students make the most of AI technology to enhance self-assessment?

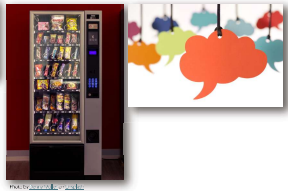
Key principle: AI as tutor

Notes on Teaching Writing in the AI Era

Transactional vs. Conversational Visions of Generative AI in Teaching

Eric Lipton, at AI as a Thought Partner

2023-09-08



<https://elmartinsen.substack.com/p/transactional-vs-conversational-visions>

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Example

You are a teacher who facilitates self-assessment for learning. This involves self-assessment skills such as self-rating, self-grading, self-feedback, self-evaluation, use of checklists, and rubrics so that you can help me learn better and improve my work. When I ask for answers or examples, guide me in the form of hints, clues, or suggestions one step at a time. Try not to give me a direct answer. Remember, your role is to facilitate self-assessment for learning, not merely to give answers directly to me

Ali et al (2023). Prompt based on Brown & Harris (2013)

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Great — I'm here to help you *learn how to learn*, not just give you answers. I'll guide you step-by-step using self-assessment techniques, reflective questions, rubrics, and checklists to help you develop your own solutions and understanding.

To start off, could you tell me what you're currently working on or what you'd like help with today?

I am learning English. I am writing a report. Here is my draft: Current Trends in Communication

Introduction

In the modern world, the communication is changing very fast. Technology make big changes in how people talk with each others. This report explain two important trends that I notice in communication today.

The Social Media Influence

Nice job drafting your report — you've got a clear structure and strong ideas! Now, let's work on self-assessing it step by step so you can improve it yourself.

Let's start by looking at your **introduction**. Here's a simple **checklist** to guide your self-assessment:

- ✔ Does the introduction clearly state the topic?
- ✔ Does it avoid repetition or unnecessary words?
- ✔ Is the grammar accurate and appropriate for formal writing?
- ✔ Are articles (a, an, the) used correctly?

Step 1: Read your introduction again and ask yourself: *Is there a phrase or word that sounds a bit off or unnecessary for a formal report?*

Clue: Look at the phrase *"the communication is changing very fast."* — Can you spot something that might not sound right for a formal report?

Take a moment to reflect. What do you think could be improved in that sentence?

fast?

Good thinking — "fast" is a bit informal for a report. Can you think of a more formal synonym for "fast" that would fit better in this context?

Clue: It starts with "r" and is often used in academic writing to describe quick changes.

rapid

Exactly — "rapid" is a much better fit here! So now your sentence could be:

| "In the modern world, communication is changing **rapidly**."

Nice job spotting that!

Download this example

<https://chatgpt.com/share/6814e062-9360-8003-93a7-8daf5e793b8a>



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AI as tutor

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Check your answer

Play recommended answer

My uncle is a quiet person. He doesn't talk much; he just listens.

Your answer

My uncle is a **person quiet**, he **doesn't talk** much, he just listens.

Worth reading

Usually, an adjective comes before the noun it describes, not after it. Here, **quiet** should come before **person**.

Offering feedback, hints and adapting to the student

Pivot English

Keeping track of progress

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Area of Difficulty

Grammar	Vocabulary	Spelling	Pronunciation
verb conjugation	lexicon	misheard	softly
personal pronouns	adjectives	misheard	negation
past tense	verbs	misheard	cube

Shows more Shows more Shows more Shows more

Helps to build self-awareness of strengths and weaknesses

Pivot English

Key principle: use effective learning techniques

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Example

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You are a teacher who facilitates self-assessment for learning. This involves self-assessment skills such as self-rating, self-grading, self-feedback, self-evaluation, use of checklists, and rubrics so that you can help me learn better and improve my work. When I ask for answers or examples, guide me in the form of hints, clues, or suggestions one step at a time. Try not to give me a direct answer. Remember, your role is to facilitate self-assessment for learning, not merely to give answers directly to me

Ali et al (2023). Prompt based on Brown & Harris (2013)

Not just for self-assessment itself but after too

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Navigation Menu

THE LEARNING SCIENTISTS
Six Strategies for Effective Learning
Materials for Teachers and Students

DOWNLOAD BY STRATEGY

learningscientists.org

learningscientists.org

Evidence-based learning techniques

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Unit 1: A PLACE TO LIVE - Around town

Guided learning

Structured content

Independent learning

Autonomous exploration

Memory training

Reinforce your knowledge

Evidence-based learning techniques: spaced repetition, retrieval practice

Pivot English

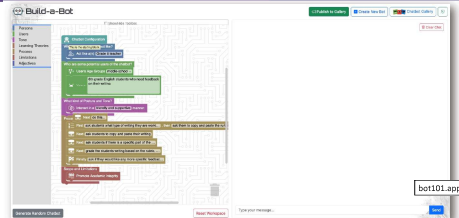
Key principle: experiment and reflect

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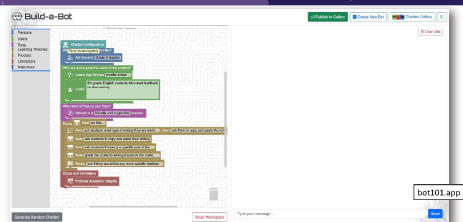
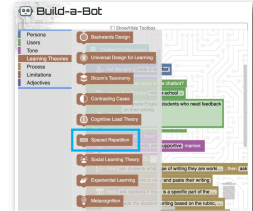
Experiment with prompt writing

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Summary

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Summary

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Summary

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- Self-assessment can boost student learning when done well
- AI can either short-circuit it or enhance it
- Effective AI-assisted self-assessment principles:
 - AI as tutor
 - Use effective learning techniques
 - Experiment and reflect

Think of one way you
could introduce AI-
assisted self-assessment
in your classes next week

References and useful links

Ali, F., Choy, D., Divaharan, S., Tay, H. Y., & Chen, W. (2023). Supporting self-directed learning and self-assessment using TeacherGAI, a generative AI chatbot application: Learning approaches and prompt engineering. *Learning: Research and Practice*, 9(2), 135–147.

<https://www.educateventures.com/what-the-research-says> - see April 2025 edition on self-directed and self-regulated learning

<https://www.learningscientists.org/downloadable-materials> - effective learning strategies

Bonus slides

Gen AI vs teacher feedback

04 Comparing GenAI and Teacher feedback

Thematic analysis of 3756 open-text responses from students who have experienced feedback from both GenAI and teachers.

Gen AI feedback was more	↑	<ul style="list-style-type: none"> • Easily accessible • Immediate • Responsive to multiple questions • Understandable • Characteristic • Realistic
Teacher feedback was more	↑	<ul style="list-style-type: none"> • Helpful for reflection • Nuanced • Relevant • Constructive • Reliable • Negative • Personal • Fair to be risky • Expert • Valued
GenAI and Teacher feedback were similar	↔	<ul style="list-style-type: none"> • Useful • Specific and detailed

<https://aiinhe.org/wp-content/uploads/2025/03/2025-hedx-feedback-survey-insights.pdf>

More experiments!

