

A close-up photograph of a person's hands typing on a laptop keyboard. The person is wearing a blue and white checkered shirt. The laptop screen is open and shows some text and a small chart. The background is a blurred classroom or office environment with a desk and a plant.

ChatGPT in the Classroom

Today's Overview

- Defining Chat GPT
- Examples
- ChatGPT: The Good and the Bad in Education
- How to Get Started
- ChatGPT Across Subjects

What is ChatGPT?

- ChatGPT stands for “Chat Generative Pre-Trained Transformer.”
- ChatGPT is a chatbot created by OpenAI.
- The core function of a chatbot is to mimic a human conversation, however, it can do much more (the next slide contains examples of what it can do)!



Examples of What ChatGPT Can Do!

It can write:

- Student essays
- Computer programs (can debug them too!)
- Compose music
- Teleplays
- Fairy tales
- Poems
- Song lyrics

It can also:

- Answer test questions, depending on the test, at an above average level.
- Simulate an entire chat room
- Play games like tic-tac-toe
- Simulate an ATM
- Remembers previous prompts given to it in the same conversation

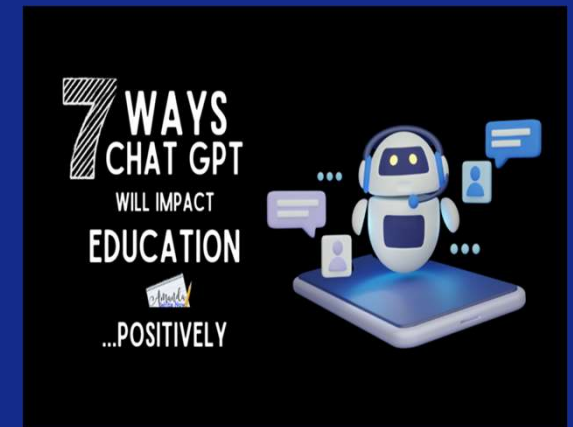
ChatGPT in Education: The Bad

- Students can use ChatGPT to complete assignments and assessments including answering short questions or writing entire essays
- Lacks as much thoughtful reasoning as humans so text may lack insight
- Can potentially provide inaccurate information
 - Information is only based on the data used to program it and currently that data ends at September 2021
 - Has incorrectly solved math equations
 - Has created citations that look legitimate but are entirely fake



ChatGPT in Education: The Good

- Provide tutoring for students with the answers and explanations to expand their learning
- Shorten reading passages for ELL students or students with reading difficulties
- Create stories or articles at the student's reading level
- Generate ideas or sentence starters for students who struggle with brainstorming
- Generate ideas for lesson plans, test questions, or classroom activities
- Revise and edit student writing on the spot
- Write responses to common teacher emails



Getting Started with ChatGPT

1. Determine how ChatGPT will be used in your classroom
1. Introduce ChatGPT to your students
1. Assign a question for students to ask the program.
1. Have students now come up with their own questions to share with you, partners, or the class as a whole.
1. Reflect on the experience as a class.



ChatGPT Across Subjects

Language Arts/Literature

- Answer questions about grammar, syntax, and sentence structure
- Help with writing, editing, or analyzing written assignments
- Provide writing prompts

History/Social Studies

- Provide information about specific events, people, and historical periods
- Chat as though ChatGPT were a specific historical character

Science

- Provide explanations for scientific concepts, theories, and principles
- Provide definitions for scientific terms
- Help students find relevant research material

20 ways to use ChatGPT in the classroom

- 1 Use it as a more complex source of information than Google.
- 2 Use it to provide students access to lots of good examples.
- 3 Use it to remix student work.
- 4 Ask it for definitions (on a variety of levels).
- 5 Ask it for feedback for student work.
- 6 Ask it to do some teacher tasks for you.
- 7 Add it to the "think pair share" thinking routine.
- 8 Grade the bot.
- 9 Debate the bot.
- 10 Ask the bot for advice.
- 11 Use it to summarize texts.
- 12 Use it for insight into big, difficult-to-solve problems.
- 13 Ask ChatGPT to write your lesson plans.
- 14 Anticipate the response you'd expect from AI.
- 15 Take several responses and make a better product.
- 16 Create personalized learning experiences.
- 17 Provide tutoring or coaching.
- 18 Generate prompts and questions to facilitate discussions.
- 19 Provide information and answer questions.
- 20 Supplement in-person instruction.

DITCH THAT TEXTBOOK

Get an overview of ChatGPT in the classroom at ditchthattextbook.com/ai.
Infographic by Matt Miller (@jmattmiller / DitchThatTextbook.com)

ChatGPT Across Subjects

Math

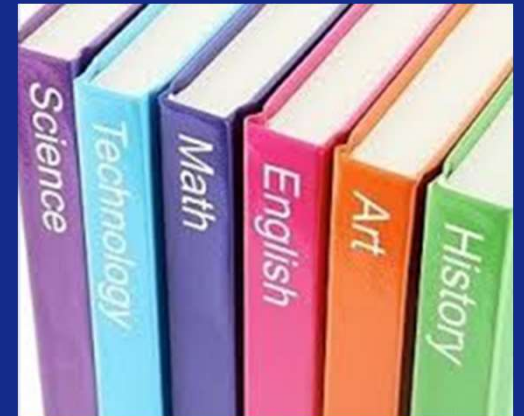
- Provide explanations for mathematical concepts and calculations
- Provide step-by-step solutions to problems
- Formulate mathematical questions as practice

Foreign Languages

- Provide translations
- Create practice exercises
- Answer questions about grammar, syntax, and sentence structure
- Chat back and forth with ChatGPT in a different language

Electives

- Debate with ChatGPT about a topic
- Generate a list of ideas for photography subjects, cooking, or exercise routines
- Provide explanations or context for psychological or sociological theories



Thank you for participating in our training!

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