

Introduction to AI for Advanced Users

Stacey Gorman
Director of Teaching and Learning
sgorman@d120.org



Goals for This Session

- Explore ways you can use ChatGPT to support your students' academic success
- Learn how students are using Magic School, our school approved AI educational platform





ChatGPT

Generative AI

MAGIC
SCHOOL

Mundelein High School's definition:

Generative AI is a type of artificial intelligence that creates new content from existing data.

Using ChatGPT in Your Daily Life

- Generate meal ideas: “Here are the ingredients in my pantry. Now give me a recipe of something I can make with these ingredients.”
- Plan a 5-day family vacation to with a focus on history and outdoor activities. Give me restaurant options in these locations.
- Give me ideas on how I can motivate my daughter to clean her room.
- Help me create a household budget for a family of four.

Good Prompting-**PREPARE**

Purpose	What do I want help with?	I need an idea for a birthday gift for my sister.
Role	Who should ChatGPT pretend to be?	You are my personal shopper
Explain	What background information should I share?	My sister is turning 40. She loves the outdoors, traveling, reading, and scrapbooking. She loves bright colors and chocolate.
Preferences	Are there any limits or special requests?	Please keep the cost under \$75 and make sure I can buy it online.
Ask clearly	What exactly do I want GhatGPT to do?	Give me five ideas with a short reason why each gift would be good for my sister.
Results format	What format do you want the information in?	List the gift ideas in bullet points with links for purchase
Expand	What additional information do you need?	I also want to get a gift for her five year old daughter. Do you have any suggestions for her? She enjoys sports.
Clarifying questions	Is there anything you left out of your description	Ask me questions if you don't understand my prompt.

Using ChatGPT for Academic Success

Parents and other caregivers can use ChatGPT to help their students.

Examples:

- Study support: “Make a quiz on the causes of WWII that I can use to help my 6th grader prepare for his test. Provide me with the answers and explain why they are correct.”
- Homework help: “Explain the steps in easy-to-understand language so I can help my child find the slope of a line in their Algebra class.”
- Organization: “Create a study plan for my high school student for finals week.”
- Brainstorming: Provide me with ideas for a fictional story so I can help my 3rd grader get started writing.
- Test preparation: My daughter struggles with the reading section of the ACT. Please provide me with some testing tips and ACT style practice questions.

Supporting your Student

Help with elementary school math

- **Role:** You are a math tutor giving me simple guiding questions to ask my child.
- **Purpose:** I want to guide my child through solving a fraction addition problem.
- **Be specific:** The example problem is $\frac{3}{4} + \frac{1}{4}$. Do not solve the problem. Only give me step-by-step questions.
- **Parameters:** Provide the questions in both English and Spanish. Keep them short and clear.
- **Ask:** If something is unclear, ask me for clarification before answering.

Middle school or high school English Language class

"You are an English tutor. Give me step-by-step guiding questions in both English and Spanish that I can ask my child to help them improve their essay. Do not rewrite the essay or give the answers—only provide feedback questions about clarity, organization, evidence, and grammar. Keep the questions short and simple." Ask me clarifying questions before answering.

Notebook LM

Notebook LM is a free, AI-powered research and writing tool from Google that acts as a personalized research assistant. It uses a large language model to analyze, organize, and interact with documents you upload.

How NotebookLM can help students:

- **Custom Study Guides:** Instantly generates study guides, quizzes, and flashcards from your class materials.
- **Personal Tutor:** Explains complex topics and answers questions based on your uploaded notes.
- **Boosts Research Skills:** Synthesizes information from multiple sources to create outlines and summaries, while citing original documents.
- **Supports All Learners:** Creates "Audio Overviews" for students who prefer to listen and learn or "Video Overview" for visual learners
- **Teaches Responsible AI:** Grounds all its answers in your sources, helping students understand the importance of fact-checking.

[Notebook LM](#)

Magic School for Students



Stacey Gorman

Magic Tools

Teacher Tools

My Collections

Output History

Resource Library

Raina (Chatbot)

Filter by

Categories

Favourites



Student Chatbot Builder

Let students create their own custom chatbot to interact with!

New



Image Generator

Generate and edit images with AI with Adobe Express.

Popular



AI Tutor

Ask questions and get tutored on any topic or subject you are learning.

Popular



Writing Feedback

Get feedback on your writing.

Popular



Raina for Students

Prompt and ask questions to Raina, our responsible AI chatbot built for students.



Custom Chatbot

Build a chatbot from scratch with any custom instructions for students to interact with!



Language Tutor

Learn and practise a new language with this AI tutor.



Research Assistant

Find information and sources for a research project.



Text Translator

Translate any text or uploaded document into any language.



Character Chatbot

Chat with any historic figure, author, or recognizable character from a story.



Step by Step

Get step by step directions on any topic or task.



College & Career Counsellor

Ask any questions about college or careers.

Students have access to Magic School tools at home but teachers have to assign the tool and keep it open.

Magic School Tutor



AI Tutor

🔥 Popular



Ask questions and get tutored on any topic or subject you are learning.

Preview

That's a brilliant topic to work on! Using evidence from primary sources is such an important skill that will really strengthen your arguments in social studies and beyond.

Before we dive in, I'd love to know what you already understand about primary sources and using evidence. Can you tell me what you think a primary source is?



I know I need to find some quotes to support my point.



That's a good start - quotes can definitely be useful evidence! But let me ask you this: when you say "quotes," what kinds of sources do you think would give you the strongest quotes to support your point?

For example, if you were writing about what life was like for soldiers during World War I, would a quote from a history textbook written in 2020 be the same as a quote from a letter that a soldier actually wrote to his family in 1917?

Preview

Hello! I'm Raina, your AI tutor, and I'm really excited to help you with your Algebra 1 studies today!

What specific maths concept from your Algebra 1 class would you like me to help explain step-by-step? Just let me know what topic you're working on, and we'll tackle it together!



solving linear equations



Brilliant! Solving linear equations is such an important skill in Algebra 1, and I'm happy to help you with it.

Before we dive into the step-by-step process, I'd love to know what you already understand about linear equations.

What do you already know about solving linear equations? For example, have you worked with any before, or is this completely new to you?

Magic School for Students- Feedback Tool

Magic Tools > Writing Feedback

[+ New chat](#)

Hi there 🙌 I'm here to help you improve your writing. To get started, copy and paste or upload your writing and I'll give you feedback to make it even better.

I can see you've already shared your WWI DBQ essay! Based on your teacher's assignment requirements and the rubric provided, here's my feedback on your work:

WWI DBQ Essay Feedback - Claim, Evidence, and Reasoning

🌟 Areas of Strength:

- You developed a clear, balanced claim that directly answers the DBQ question: "U.S actions were justified because of threats and attacks towards our country and we were fighting for peace. On the other hand, the U.S were unjustified because they limited the freedom of speech and they failed to create peace by blaming Germany at the end of the war."

Academic Integrity Policy

Board of Education (BOE) Policy 6.14 Academic Integrity

Unauthorized use of generative AI (a type of artificial intelligence that creates new content from existing data)

- Students should not use ChatGPT or other AI tools to complete school assignments.
- Using these tools can compromise academic integrity.
- Students should use **Magic School**, our approved AI platform, which promotes safe and ethical learning.
- Magic School helps students:
- Brainstorm ideas
 - Review for tests
 - Get feedback on writing
 - Receive tutoring on academic topics

Academic Integrity (D120 Board Policy 6:14)

Mundelein High School seeks to establish an atmosphere in each classroom that actively fosters academic integrity. Teachers recognize that academic integrity is important to the learning environment. Students should also recognize that academic integrity is an integral part of the learning process.

Academic dishonesty by students degrades their character and reputation and impedes the teaching/learning process. Any action intended to obtain credit for work that is not one's own is considered academic dishonesty. Such actions may include, but are not limited to the following:

- Submitting another student's work as one's own work.
- Obtaining or accepting a copy of tests or scoring devices.
- Giving test questions or answers to a member of a later class or getting test questions or answers from a member of an earlier class.
- Copying from another student's test or allowing another student to copy during a test.
- Using materials that are not permitted during a test.
- Plagiarizing (presenting as one's own, material copied without adequate documentation from a published source).
- Copying, or having someone other than the student prepare the student's homework, paper, project, laboratory report, or take home test for which credit is given.
- Permitting another student to copy, or write another student's homework, project report, paper, or test.
- **New: Unapproved use of generative AI (a type of artificial intelligence that creates new content from existing data)**

Questions?

- Links to all handouts will be posted on the D120 website under the “parent tab”
- Reach out to Stacey Gorman, Director of Teaching and Learning with questions about Magic School.
 - sgorman@d120.org

