

- **Student use**

- There is an incredibly high-need for people to be exposed to Chat GPT as a tool...
 - For **personal use** and the various ways it can improve our staff's lives outside of school
 - For use as a teacher in preparing for lessons, organizing, improving teacher logistics (**pre-planning and/or post-data** collecting, analysis, etc...)
 - For use as a teacher **in class (in session, in-assessments, in-assignments, etc...)**
- From the Feedback/Interest Question in Generative AI Google Form (Sorted by Generative AI, lol) – Sorry for the length. Delete as needed to clean mess...

Based on the feedback provided, here are the main ideas sorted into digestible chunks:

1. Utilizing Chat GPT for Teaching and Learning:

- Exploring additional ways to use Chat GPT for teachers, students, and learners.
- Creating AI-proof assignments to challenge students.
- Encouraging student growth through the appropriate use of AI instead of relying on cheating.
- Individualizing lessons and adapting them to student needs using Chat GPT.
- Helping teachers and students view Chat GPT as a tool rather than a replacement for learning.
- Using Chat GPT to guide instruction and promoting its appropriate use among students.
- Leveraging Chat GPT as a tool for brainstorming and generating new ideas for writing.

2. Empowering Students with Chat GPT:

- Enabling students to elevate their lives through the use of Chat GPT.
- Teaching students how to use Chat GPT effectively and understanding when to utilize it.
- Increasing rigor and expectations in student work by incorporating Chat GPT.

3. Embracing AI and Exploring its Range of Uses:

- Accepting the presence and benefits of AI in the education field.
- Learning about the various ways to use AI, including Chat GPT, for different purposes.
- Viewing AI as "sentence starters" and using them as a starting point for learning.

4. Enhancing Critical Thinking and Reasoning:

- Accelerating the development of critical thinking and reasoning skills through Chat GPT.
- Recognizing Chat GPT as a productive tool for learning and problem-solving.

5. Expanding Knowledge and Utilizing Advanced Capabilities:

- Acknowledging the evolving nature of Chat GPT and its potential for advancement.

- Leveraging the numerous capabilities of Chat GPT to improve professional skills and enhance the field of education.
- Adapting and integrating Generative GI (Generative Graded Intelligence) into lesson planning and student learning.

These main ideas highlight the interests and concerns expressed by the survey participants regarding the use of Chat GPT in education.

- **AI-Proof Skills**
 - Stuff
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- **Teacher hacks**

- Share your favorite prompts!
- You can have it play a trivia game.
- Word problems for math: but really distinct with
- Create hypothetical situations: what if Germany won world war 2?
- Word counts of best results
- POV of someone, "paul reveal in boston"
- POV of a reporter what is alexa, POV of a consumer, what is alexa?
- Create an article or story, I want you to include to include 3 errors in that. Have students analyze that.
- Creating scenes to reenact--kids act out the scenes.
- Other AI; being able to come up with questions for Chemistry.
- We did a SEE OUR response in biology of the test. You could be hyper specific. You could leave it more open ended. Specific tone. You have to tell it. Professionals tell it. QUESTIONS it wrote. Dead on.
- Teacher wrote learning target, came up with the question.
- All the different percentages-- gave the questions AND answers
- You can do rubrics with it. The more specific you are--more evidence.
- EMAILS: a specific email in a specific way. It writes my email for me.
- My last DnF email. Professional, your kid hasn't done their job.
- You can also have it say. Explain it to me like I'm five years old.
- DO IT FOR RTI: giving it your retake. Put your initial question and have it a different assessment.
 - Scaffolding the difficulty of a question
 - It has cut her planning time a quarter of it. WRITE a 20 question MC assessment with answer key.
 - DOK levels for different about mitosis. Specify DOK levels on topics.
- ELA teacher: odyssey, DOK levels.
- Two different sets of essays, same book or topic STUDENTS compare and contrast the difference.
- Writing lesson plans:
 - Give it ideas what you want your CA to be
 - Grading choice boards--and rubrics to go with it.
- Create a choice project with 9 different options that addresses the various learning styles that includes visual, tactile, etc.
- ACT materials for RTI (remediation)
- ChatGPT--ACT style MC questions based on a certain concept/question. You DO have to check what Chat GPT came up with. It can be wrong. You can tell it its wrong. Then redo the prompt!
- Michelle: emails, letters to my graduating seniors. Generate 15 different examples of that same topic.
- Its cut down on planning, writing the different things. Decision fatigue with writing tests.
- There are concerns about it but lots of possibilities!

- Games.
- Ice breakers.
- 20 questions with it. "Thinking of a character..."
- Played wordle with it this morning.
- Made a rap!
- Had it checked google sheet formulas. Create a formula because based on
- Students had to write a song about Frankenstein using the parameters and use textual evidence to find stanza to the song.
- Shake up Learning!
 - Automatic essay scoring
 - Writing prompts
 - Language translation. One to another.
 - Summarization. Making it easier to understand.
 - Reading comprehension.
 - Vocabulary building.
 - Generate list of vocab and definitions
 - Debate preparation: arguments/counterarguments
 - Speech writing
 - Research assistants
 - Personalized learning--personalized lesson plans (IEP, 504)
 - Differentiation
 - Modify assignments
 - Educational chatGPT--coming out now
 - Being able to write better goals for IEPs
 - Creating a lab with a topics (asics and bases"
 - Adult activities/teamwork
 - Create a 10-12 presentation slide on this topic with these parameters!!
 - Based on the topics I needed to do
 - Specific bullet points
 - Activating prior knowledge slide. Ice breaker.
 - Can't find videos. Asked for sources but linked to something non-existence.
 - IMagine One;
 - MAKING A SYLLABUS! Remind new teachers what the guidelines are going to be for the district.
 - If you ask chatGPT, did you write it?
 - Feedback as a teacher: VOice. Grammar. "Give me feedback on x and y on this"
 - RETEACH QUESTIONS . RETEACH and EXTENSION
 - Enrichment activities based on a theme.
 - **Writing** emails: it takes the voice you may have had. Objectivity. Power tool Even can help you write a script b efore a call.
 - It is saved my life!!! Senior recommendations! Staff recommendations. Template to make it better. Glves you the bones.

- Rubrics need some work--using it as a draft. Here's a start. Pick it apart.
- ESS teachers who have a case load--they can write a full IEP set with goals!
- Used it for final masters, 40 page thesis.

- Taking lessons and creating sentence stems for EL students (taking from articles)
- Not being fluent in other languages, curious of the translations. Compared to Google Translation.
- CTSO: study plans for all competitions, emailed it to them
- Rubrics
- Taking a lesson/assignment and asked it what I can do to make it better.
- One of the problems where is the data coming from? Generating a broad unit overview. It gave 12 ideas. But 8 were soildl Illustrating own bias. Didn't even think to include it.
- Huge for teachers: grade someone's writing. Plug in their passage: then give us tips to make it better.
- Planning and grading time more efficient.
- Using this rubric, copy/passage.
- Search for these parameters.
- Every time you input info, it makes it better so the next time you do it, it gets better
- Emails will get exponentially better
- What are the downfalls?
 - Handing it to a stranger
 - PD on how to use it well
- Making better spreadsheets, functions
- Change from sheets to excel. Change this to HTML

TAKEAWAYS

- We must create a barrage of teacher resources, differentiated by content and tiered levels of comfort
- Resources must be accessible AND helpful so there is buy-in and understanding (intranet, hub)
- We need tight/loose/best practices communicated in parallel with #teacherhacks
- Leverage our AI "task force leaders" who want to do this work and can lead at their sites
- Modeling and incorporating "Chat GPT" into PD

- Policies will oversee ALL areas of AI so those need to be embedded into everything we communicate (FERPA, etc.)

Building 21st Century skills, preparing and adjusting our students for world after HS. VISION AND POLICY.

1:1's -- reaching out to principals to do 10-15 PD on AI guidelines

NY public schools releasing a new policy today. DUE July board meeting.

Slide 1: Introduction

Welcome and overview of teacher hacks for efficiency and effectiveness.

Slide 2: Prompts and Activities

Favorite prompts for engaging students.

Trivia games to make learning fun.

Word problems with distinct characteristics for math.

Creating hypothetical situations for critical thinking.

Word counts of best results for writing exercises.

Exploring different points of view in historical events or scenarios.

AI-generated questions for specific subjects like chemistry.

Slide 3: Assessments and Grading

Analyzing articles or stories with intentional errors for student analysis.

Reenacting scenes for interactive learning experiences.

Rubrics for specific and evidence-based grading.

AI-generated emails for various purposes (professional, disciplinary, etc.).

Simplifying explanations using "Explain it to me like I'm five years old."

Customizing retake assessments and scaffolding question difficulty.

Slide 4: Planning and Differentiation

Writing lesson plans with AI-generated ideas.

Grading choice boards and creating rubrics.

Designing choice projects to address diverse learning styles.

ACT materials for personalized remediation.

ACT-style multiple-choice questions with AI assistance.

Generating examples of letters or emails for various topics.

Slide 5: Games and Activities

Icebreakers and energizers for classroom engagement.

Playing wordle or other word games.

Creating raps or songs related to learning content.

Checking formulas in Google Sheets or other tools.

Incorporating textual evidence in creative assignments.

Personalized learning and modified assignments.

Slide 6: Educational Applications

Automatic essay scoring for efficient feedback.
Writing prompts for various subjects.
Language translation and summarization assistance.
Reading comprehension support.
Vocabulary building and generating word lists.
Debate preparation and speech writing assistance.

Slide 7: Individualized Support

Research assistants for gathering information.
Personalized lesson plans for IEPs and 504 plans.
Differentiation and modification of assignments.
Better goal writing for IEPs.
Creating labs or experiments on specific topics.
Teamwork and collaboration activities.

Slide 8: Teacher Tools and Productivity

Creating presentations with specific parameters.
Activating prior knowledge with icebreaker activities.
Checking for valid sources and videos.
Making syllabi and guidelines for new teachers.
Receiving AI-generated feedback as a teacher.
Reteaching and extension activities.

Slide 9: Other Use Cases

Enrichment activities based on themes.
Writing professional emails and scripts.
Senior and staff recommendations.
Drafting rubrics and IEP sets.
Sentence stems for EL students.
Translation comparisons with Google Translate.

Slide 10: Advantages and Challenges

Time-saving and improved planning and grading efficiency.
AI assistance in improving lessons and assignments.
Potential downsides of relying solely on AI-generated content.
Importance of professional development on using AI tools effectively.
Enhancing spreadsheet functions and transitions between tools.

ROUND 2

- **Writing** emails: it takes the voice you may have had. Objectivity. Power tool Even can help you write a script before a call.
- It is saved my life!!! Senior recommendations! Staff recommendations. Template to make it better. Gives you the bones.
- Rubrics need some work--using it as a draft. Here's a start. Pick it apart.
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Handout Notes Synthesis

Leveraging AI in the Classroom:

- Collaboration in the classroom with both AI and humans
- ChatGPT generating “bones”/structure for lessons as well as student assignments (such as presentations and essays)
- More product-based assignments or PBLs that require critical thinking.
- Ask higher DOK leveled questions to emphasize the importance of the process.
- Demonstrate limitations of AI to students
- Lots of teacher hacks (drafting emails, IEPs, assessments, etc.)

Next Steps:

- Generate resources/training/PD on how to use AI to increase productivity
- Generate resources on how to modify/adapt assessments & instruction in a world where students will use AI
- Create a cohort of teachers that are championing AI and using it effectively to transform their instruction at each site

Poster Synthesis

Syllabus:

- Scale of what is cheating/plagiarism
- Academic integrity definition

Leveraging AI:

- Show limitations and have students work through them
- Emphasize synthesis and critical thinking
- 21st century skills are now “soft skills”--> Public speaking, collaboration, asking questions etc..

Prompt Guidelines:

- Content examples no real guidelines

Ongoing PD:

- Content focus and lots of examples and resources
- Discuss advantages and limitations for teachers
- Coordination with district, IC's, & PLCs
- Department idea sharing

Brief Intro:

- Communication framing
 - Time saving tool
 - Levels of “cheating”
 - Prior concerns with tech.. What went away
 - It will happen.. Embrace it
 - Accelerates critical thinking, not always right

???

- Deep Fakes and socio-cultural impact
- Intentional Malicious Use..
- Prompt Engineering and teaching
- Ethics and Philosophy
- What does success look like