



# Leveraging AI Technology to Improve Educational Programs and Overall Efficiencies



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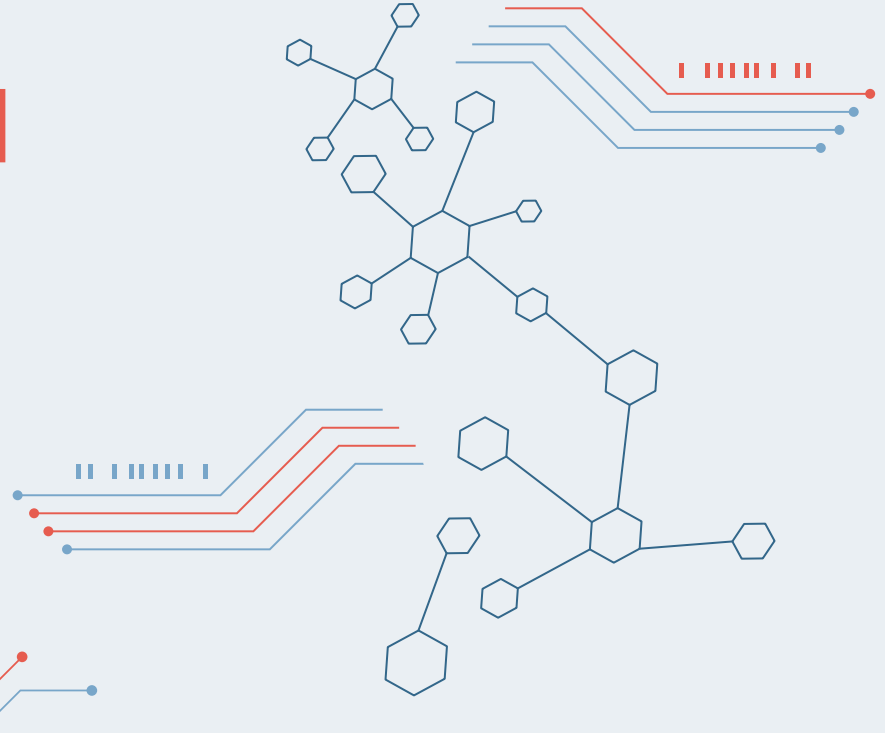


# INTRODUCTION

AI has the power to revolutionize education.

AI can save you time, money and make you look really really good.

And it's easy to use.



# Today's Objectives



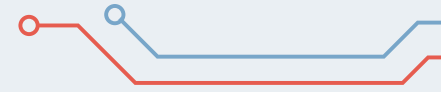
**01** AI Basics  
What is AI? And  
how to access it?

**02** How AI will change Education  
For educators and  
students

**03** Ethical Considerations  
Strike a balance  
between maximizing  
AI and ensuring  
responsible  
implementation

**04** Empowerment  
Embrace the technology to  
provide the best education  
and equip students for  
their futures





# What is AI? Objective 1

- AI stands for Artificial Intelligence
- Computer systems that can mimic human intelligence to solve problems, make decisions, and improve efficiency.



# AI Basics



Helps computers learn to do things on their own using data



**Machine Learning**



Helps computers understand and talk with us using the words we use



**Natural Language Processing**

# Examples of AI in daily life

## »» Voice Assistants

Siri, Amazon  
Alexa and Google  
Assistant

## »» Chatbots

Virtual customer  
support

## »» Recommendation Systems

Netflix, YouTube  
and Amazon  
suggestions

## »» Self-driving cars

Tesla  
Jeep

## »» Image Recognition

Facial recognition  
on smartphones,  
object detection  
in security  
systems

## »» Natural Language Processing

Language  
translation tools,  
voice-to-text  
conversion



# How will AI change education? **Objective 2**



## Personalize Learning

Differentiated instruction, tailoring content and pacing to each student's needs, thereby improving learning outcomes and engagement.



## Enhance Teacher Support

Simplifies content discovery, creation, and delivery. AI is a collaboration resource.



## Streamline Administrative Tasks

Automate routine administrative responsibilities, allowing educators to focus more on teaching and less on paperwork and grading.



# AI CAN HELP YOU



And it'll make you look really good.



# chat.openai.com



AI language model that can generate text just like humans do.

It's free and it's a great place to start.



# Practical Uses of AI in Language Programs



# What chatGPT

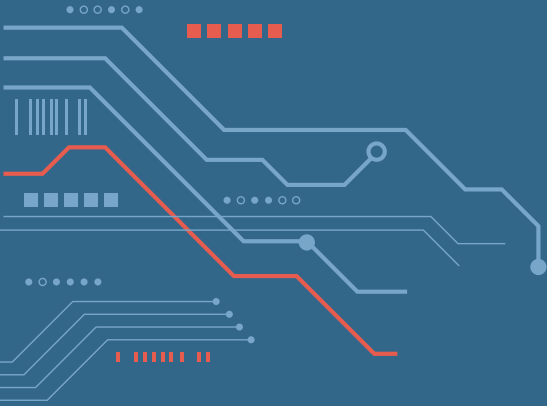
## Can Do:

1. **Generate human-like text:** chatGPT can draft emails, write essays, generate poetic language, song lyrics and more based on prompts
2. **Answer questions:** generate responses to a wide range of questions based on the information it was trained on
3. **Aid in brainstorming:** Assist in generating ideas or providing different perspectives on a given topic
4. **Serve as a tool for learning:** It can provide explanations on various topics
5. **Enhance productivity:** Draft documents, generate content or even provide programming help

# What chatGPT

## Can't Do:

1. **Understand or feel emotions:** Mimics human-like text but doesn't comprehend or feel emotions
2. **Replace human judgement:** Lacks the ability to understand context or make judgement calls
3. **Give professional advice:** chatGPT shouldn't be used to provide medical, legal or other professional advice
4. **Maintain a consistent context over different sessions:** Lacks ability to remember past interactions and be consistent across different conversations
5. **Guarantee accuracy:** Can produce incorrect or nonsensical answers
6. **Replace human interaction:** Not a substitute for personal connections and emotional support



**More**



**AI Programs**

# TalkingPoints



Our multilingual technology platform connects and empowers families and teachers through two-way translated communication



# almanack



Creates worksheets, lesson plans,  
slide decks, assessments and  
more.

Currently has a free plan.



# Diffit



Creates a variety of materials based on a topic of your choice, a URL to an article or text. You choose grade level and language for materials and it creates a reading passage, summary, vocabulary words and assessments.



# Tango.us



Create procedures and how-to guides in minutes.

Tango.us records your screen as you do a task and turns it into a step by step procedure using screenshots and descriptions



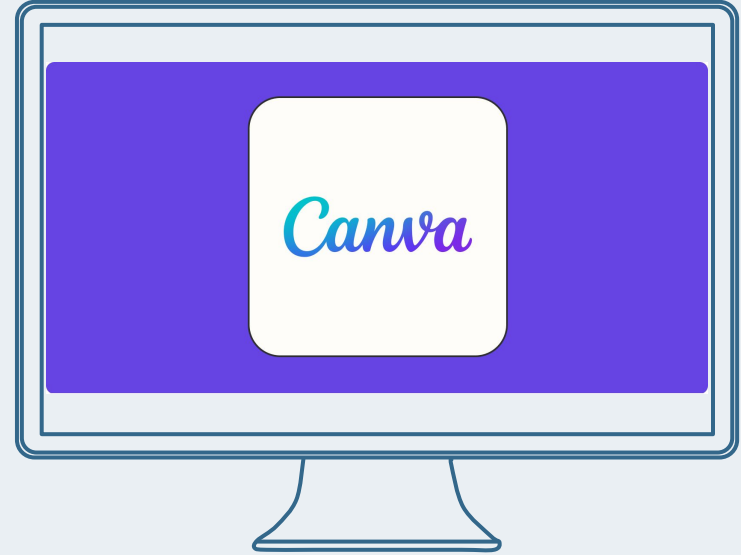


# Canva



User friendly graphic design.

Create social media graphics and presentations





# Other uses of AI



How has it helped you?

# Solutions for YOUR Classroom



## Limited resources

AI can function as a staff assistant at little or no cost, Powerful translating capabilities to save you time and increase family and student engagement



## Lesson Plans

Create appealing lesson and unit plans with enrichment, differentiation, modifications and accommodations



## Balancing Time and Priorities

Reduce time in creation of plans, communications, admin tasks so you can focus on other priorities



# Ethical Considerations **Objective 3**

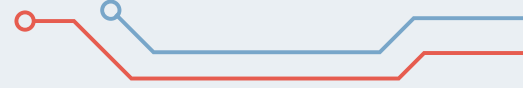
- Respect and inclusivity: Ensure Chat GPT generates content that respects individuals and diverse groups, avoiding discrimination, harassment, or offensive language.
- Bias and fairness: Take steps to identify and mitigate biases in data, algorithms, and decision-making processes used by Chat GPT to ensure fairness and avoid perpetuating discrimination.
- User privacy and data protection: Implement measures to safeguard user data, comply with privacy regulations, and securely handle personal information shared during interactions with Chat GPT.
- Consequences and impacts: Consider the positive and negative impacts of using Chat GPT, taking steps to minimize potential harm and addressing any unintended consequences.
- **Human oversight and responsibility:** Ensure human supervision and control over Chat GPT outputs, recognizing that humans hold final responsibility for decisions and actions, using AI as a supportive tool.

# Action Steps for Ethical Usage Objective 3

- Understand the limitations
- Context Matters
- Ethical Usage
- Fact Check
- Prioritize Human Connection



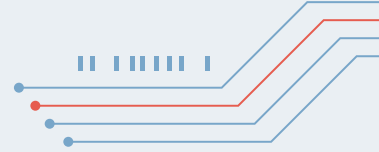
**Always review AI-generated  
content before using.**



# Our Responsibility as Educators

1. Provide the best possible educational experience to our students.
2. Understand the ethical and practical uses of AI
3. Prepare students for their futures





# Generational Shift

AI is to this generation what Google was to previous generations

## Re-think Competencies


AI allows us to reconsider and work on competencies and skills that the next generation will need

## It's just a tool

It's a tool to be used. Just like spell check, grammarly and google.







**Teaching our  
students about  
AI prepares them  
for their futures,  
not our pasts.**

# THANKS

Do you have any questions?



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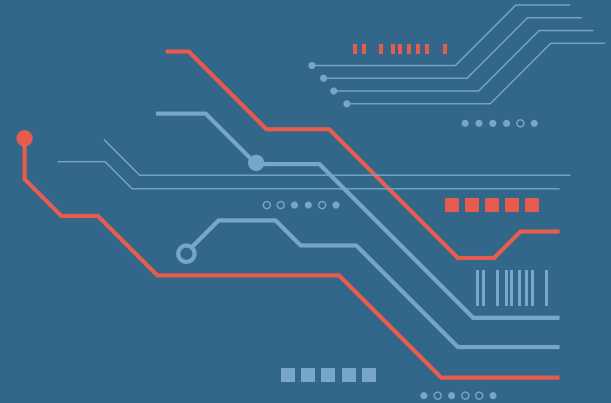


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