

# Artificial Intelligence (AI) in Education Guidelines for Educators and Students

Logan City School District's mission is to ensure all students leave our schools ready to create a positive future for themselves and their communities. As the inclusion of Artificial Intelligence (AI) becomes an ever-present element of life, we strive to provide sound principles of practice to inspire the next generation of innovators to utilize AI in a way that is safe, appropriate and in line with our mission.



## AI is All Around Us

Search engines

Facial recognition

Smart cars

Smart assistants

Social media feeds

Media streaming

Text editors

E-Payments

Navigation apps



## Types of AI & Where You'll Find Them

### Reactive

Responds to data or inputs without learning from that data

#### EXAMPLES

Adaptive Testing  
Alexa  
Chess.com

### Predictive

Analyzes a data set to learn and predict future events or decisions

#### EXAMPLES

Netflix suggestions  
Google Docs auto-finish  
YouTube recommendations

### Generative

Creates new content and generates ideas from learned data patterns

#### EXAMPLES

ChatGPT  
Canva Text-to-Image

# Ideas for AI in Education



## For Teachers:

- **Chatbots for Support** - online support will free up your time
- **Resource Recommendations** - AI can recommend educational resources, tools and materials that are just what you're looking for
- **Data Analysis** - AI can analyze your data for early identification of struggling students
- **Enhanced Content Creation** - AI can create engaging learning materials like quizzes, images and simulations
- **Facilitate Administrative Tasks** - AI can streamline tasks like scheduling or tracking attendance
- **Differentiated Instruction** - AI enables differentiated instruction by tailoring lessons to the diverse levels within your class
- **Language Translation** - AI breaks down language barriers, translating content in real time
- **Accessibility** - AI enhances accessibility in the classroom by providing transcription, text-to-speech and other assistive technology tools



# Ideas for AI in Education

## For Students:

- **Brainstorm** - Brainstorm and then utilize those ideas to generate original work
- **Clarify** - Clarify understanding by asking for explanations or examples
- **Feedback** - Gather feedback on original writing by asking for review on grammar, clarity, transitions and more
- **Create** - Engage to create new materials based on student creativity
- **Organize** - Let AI help you organize your schedule and stay on top of important tasks and deadlines

**AI DOES:** provide a tool for supported learning

**AI DOES NOT:** replace critical thinking

**AI IS NOT:** inherently right or wrong

**AI IS:** appropriate in education when used responsibly

A student who uses AI to copy and paste an entire essay without editing is plagiarizing. A student who uses AI to generate an image as cover art and gives proper citation has effectively used AI as a learning tool.

# AI Limitations & Cautions



Implementing AI requires attention to ethical considerations, data privacy, district policy and educator and student training. When considering AI, be cautious about:

- **Bias** - Watch for bias within your generated outcomes.
- **Privacy** - Protect student data and comply with state and district law.
- **Human Interaction** - AI should complement, not replace, human interaction.
- **Reliability** - Regularly test and monitor AI programs for accuracy, disinformation and accountability.
- **Teacher & Student Training** - Educators and students need proper training to effectively use AI tools.
- **Overreliance** - Strike a balance to prevent reduction in critical thinking and creativity.
- **Ethics** - Address ethical concerns around data use, algorithms and system decisions.
- **Source Verification** - Verify data authenticity and disclose sources transparently. Cross-reference information to minimize bias and inaccuracy.
- **Plagiarism & Replication** - Respect copyrights and intellectual property rights. Clearly attribute and seek permission when building upon existing work.
- **Continuous Evaluation** - Stay updated with AI advancements for ongoing effectiveness.

Technology is ever growing and changing. As we integrate technology into education, we maintain honesty, integrity and responsibility when using these tools to foster innovation. History shows us that innovation in technology is often first met with resistance, then acceptance and finally integration. In keeping with LCSD's vision to prepare students for college, career and lifelong learning, it is our goal to provide guidelines early on in the process to support students as they become prepared to meet - and improve - their future.

## HELPFUL RESOURCES

- American Federation of School Administrators: [Artificial Intelligence and education](#),
- Common Sense Education: [Free resources for ChatGPT and AI](#), [Lessons & Tools for teaching about AI](#), [Guide to ChatGPT for parents and caregivers](#)
- Control Alt Achieve: [10 Questions for student AI guidelines](#)
- Digital Parenting Coach: [Parent's guide to AI and ChatGPT](#)
- Ed Tech Digest: [Bringing AI to school](#)
- Edutopia: [Guiding student to assess the merits of AI tools](#),
- Forbes: [The impact of AI on leadership](#)
- International Society for Technology in Education: [Artificial Intelligence in Education](#), [Put Educators and Students in the Driver's Seat](#), [What educators-and students-can learn from ChatGPT](#),
- Internet Matters: [A parent's guide to using AI with kids](#)
- KSL.com: [AI Revolution](#)
- Learning Innovation Catalyst: [AI for school and district leaders](#)
- Net Literacy: [A parent's guide to discussing AI](#)
- Office of Educational Technology: [Artificial Intelligence and the Future of Teaching and Learning](#), [Parent and family digital learning guide](#)
- UNESCO: [AI and education](#)
- USU: [AI tools and teaching](#)
- YouTube: [How AI works](#), [How neural networks work](#), [Education in the age of AI](#),

Please note: The sources presented above are shared as reliable and valid sources for information about AI. The inclusion of these sources does not constitute endorsement by Logan City School District of all of the resources present on the sites.