

Welcome to AI Parent University

Control + Alt + Connect



- Please grab some coffee and a snack
- While the music plays, find someone whom you have never met and introduce yourself.
- Speak with that person about all of the ways you use AI in everyday life.
- When the song changes, find someone new to meet and share your AI uses.
- Try to meet as many new people as you can and be prepared to share the information you gathered with the group.





Rye City School District Artificial Intelligence Parent University

November 17th, 2025

Lauren Santabarbara, Assistant Superintendent for Curriculum, Instruction and Assessment

Dr. Kaitlyn Sassone, Director of Technology/CIO

Caroleann Bombace, Instructional Technology Coach 6-12

Kimberly Persaud, Instructional Technology Coach K-5

Kerri Winderman, Math Coach K-5

Melissa Ross, Literacy Coach K-2

Tara Bauer, Literacy Coach 3-5

Agenda

- AI Overview
- Our AI Strategic Plan
 - AI Guidelines, Best Practices and Ethics
 - Professional Learning Initiatives in Rye
 - AI Summer Institute
- Exploring AI's Impact on Our Schools
- Identifying AI in Action Across Our Schools



What is Artificial Intelligence?

Definition of Artificial Intelligence (AI) in Education

AI in education refers to the use of Artificial Intelligence technologies to support teaching and learning by:

- Adapting instruction to student needs
- Automating administrative tasks
- Providing real-time feedback
- Enhancing accessibility
- Streamlining classroom workflows
- Creating more engaging and inclusive learning experiences



AI Technology is All Around Us

Travel Maps & Navigation <ul style="list-style-type: none">● Google Maps● Waze● Uber app	Smartphone Apps <ul style="list-style-type: none">● Siri● Alexa● Google Assistant	Social Media Feeds <ul style="list-style-type: none">● Algorithms curate feeds	Advertisements <ul style="list-style-type: none">● Targeted ads from online tracking	Smart Cars <ul style="list-style-type: none">● Tesla● Lucid
Music & Video Streaming <ul style="list-style-type: none">● YouTube recommendations● Music suggestions	Smart Home <ul style="list-style-type: none">● Smart thermostats● Smart speakers● Smart Appliances● Smart Lights	Smart Input <ul style="list-style-type: none">● Predictive text (typing)● Auto-completion based on typing	Security & Surveillance <ul style="list-style-type: none">● Face recognition● Object/location recognition	Finance Services <ul style="list-style-type: none">● Fraud detection● Customer service



AI Strategic Plan

Guiding Principles:

- **Accessibility:**
 - AI should enhance learning opportunities for all students, ensuring inclusivity and minimizing biases.
- **Student-Centered Learning:**
 - AI should support personalized learning experiences tailored to individual needs.
- **Data Privacy & Security:**
 - Student and staff data must be protected, ensuring compliance with privacy laws and ethical data use.
- **Professional Learning:**
 - Educators must receive ongoing, high-quality professional development to effectively integrate AI into teaching and learning, ensuring they have the knowledge and skills to use AI ethically, responsibly, and innovatively.
- **Ethical & Responsible AI Use:**
 - AI should align with educational values and responsibility in decision-making.
- **Continuous Evaluation & Improvement:**
 - AI tools must be regularly assessed for effectiveness and unintended consequences



Highlights from the AI Strategic Plan

2025–2026: Scaling & Deepening Integration

Expansion of AI Use: Broader rollout of AI tools (continuing with Diffit, MagicSchool, ChatGPT, Gemini; adding Notebook LM.

- ◉ **Alignment with Standards:** Shift from pilot use to intentional integration tied to curriculum and content standards.
- ◉ **Teacher Growth:** Focus on advanced practice—educators reflect, adjust, and refine teaching strategies using AI-supported feedback/data.
- ◉ **Student AI Literacy Expands:** 4–5 library lessons, 2–5 AI project work, deeper integration in middle school (Passion Projects, Crosswalks), and 5th-grade capstone with AI.
- ◉ **Parent Engagement Deepens:** More Parent University sessions (3 part series).
- ◉ **Conferences & Showcases:** District-wide AI conference days and showcases to highlight progress and spread best practices.

 *Theme: Moving from experimentation to thoughtful implementation—AI becomes a tool within our teaching, learning, and parent/community engagement.*

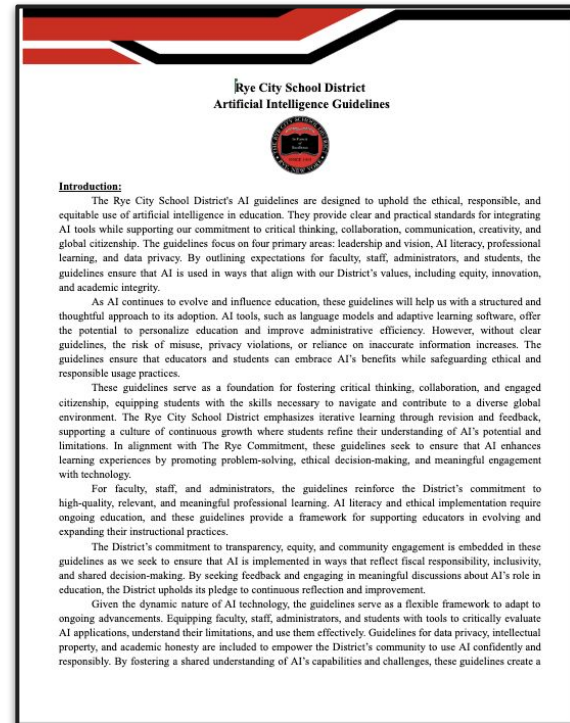


RCSD AI Guidelines

The Rye City School District Approach to AI

AI is a valuable tool with the potential to greatly enhance teaching and learning experiences for educators and students in K-12 environments. When implemented thoughtfully and responsibly, it has the potential to transform education in meaningful ways:

- **Increasing Productivity:** AI has the potential to automate routine organizational responsibilities, allowing teachers to focus more on the quality of discussion, feedback, and engagement, which improves learning outcomes
- **Providing Supplemental Learning Support:** AI-powered tools can serve as thought partners, providing resource assistance and academic support beyond regular school hours. This is especially valuable for students seeking additional guidance or resources at home
- **Differentiating Learning Experiences:** Teachers can use AI to customize lessons and materials tailored to individual student needs, ensuring a more inclusive and effective approach to education
- **Enhancing Accessibility:** AI tools offer translation services for multilingual students, voice-to-text and text-to-voice capabilities for students with disabilities, and planning tools for executive functioning



Ethical Considerations

- ◉ **Understanding AI's Impact:** Explore how AI influences society, employment, communication, and creativity, while fostering informed and responsible digital citizens
- ◉ **Evaluating Multiple Perspectives:** Develop awareness of information sources and recognize the perspectives they represent
- ◉ **Ensuring Accuracy:** Cultivate the habit of verifying information for reliability and credibility
- ◉ **Upholding Academic Integrity:** Promote authentic thinking and writing by emphasizing originality and ethical research practices
- ◉ **AI as a Tool, Not a Replacement:** Encourage AI's use as a means to support, rather than replace, critical thinking and problem-solving
- ◉ **Ethical Considerations:** Acknowledge AI's potential risks, such as plagiarism, diminished critical thinking, and inauthentic content. Educators must teach and model responsible AI use to support creativity and ethical standards in learning



Professional Learning 2023-2025

- ◉ **Inservice-courses**

- Fall 2023: AI Book Study Level I (Cohort I)
- Winter/Spring 2024: AI Book Study Level I (Cohort II)
- Winter/Spring 2024: AI for Educators Level II (Cohort I)
- Summer 2024: AI Book Study Level I (Cohort III)
- Fall 2024: AI Book Study Level I (Cohort IV)
- Winter/Spring 2025: AI For Educators Level II (Cohort II)
- **Fall 2025: Amplify Student Thinking With AI**

- ◉ **AI-Focused Faculty Meetings 2024-2025**

- Magic School
- Diffit

- ◉ **Quarterly Bulletins & Weekly Tech Tips**

- ◉ **Coordinator Meetings**

- **Secondary focus on AI Goals for the 2025-2026 school year**

- ◉ **AI Technology Integration**

- Coaching to Support Authentic Learning Projects

- ◉ **Superintendent's Conference Days (2023 - 2025)**

- AI Carousel Sessions
- Magic School
- Diffit
- Prompt Engineering
- AI For Differentiation
- AI in Literacy
- AI in Elementary Math
- AI in Research

- ◉ **AI Conferences**

- March 2024 & 2025
- **November 2025 (Secondary)**



AI Summer Institute

Day 1: Teacher - Focused

- **The AI Feedback Loop:** Empowering Teachers and Students to Reflect and Improve
- **The Engaged Classroom:** AI Strategies to Energize Your Classroom
- **AI-Powered Teaching:** Unlocking Insights to Boost Student Success
- **Prompt Like a Pro:** Crafting Effective AI Prompts for Maximum Impact
- **Access Granted:** Designing Inclusive Lessons with AI and UDL
- Amplifying Instruction with Canva's Magic Studio

Day 2: Student - Focused

- **AI in Education:** Balancing Innovation with Integrity
- **Learning AI, Together:** Watch, Wonder, Work
- **Agency in Action:** Encouraging Student Voice and Choice through AI
- **Creativity Unleashed:** Using AI to Spark Student Innovation
- **Executive Functioning and AI:** Building Independence Together
- **Teaching Students to Prompt:** Unlocking the Power of AI for Learning



AI's Impact in Education

- ◉ **Enhancing Learning:** AI helps to differentiate instruction, adapts assessments, and provides real-time feedback
- ◉ **Empowering Educators:** AI streamlines tasks, supports lesson planning, and offers data-driven insights
- ◉ **Providing Accessibility:** AI improves access for diverse learners with translation, speech-to-text, and adaptive tools
- ◉ **Fostering Innovation:** AI promotes creativity, problem-solving, and hands-on learning experiences



Considerations for AI Tools

- **Strategic & Meaningful Use:**
 - AI tools used in our district are strategically selected to ensure they support meaningful learning, not just convenience or novelty.
- **Purposeful Integration:**
 - Tools such as ChatGPT, Diffit, and Magic School are used by teachers to enhance learning experiences, provide targeted support, and differentiate instruction to meet diverse student needs.
- **Student-Facing Tools:**
 - Only AI tools that are Ed Law 2-D compliant and district-approved are available for student use.
- **Safe & Age-Appropriate Parameters:**
 - Platforms like Magic School include built-in safety features, age-appropriate filters, and content settings that are specific to classroom assignments.
- **Ongoing Evaluation:**
 - Our district continually reviews and refines its list of AI tools to ensure alignment with curriculum goals, student safety, and ethical use of technology.



Building AI Literacy

Elementary AI Integration

- Teachers use AI to analyze assessment data, differentiate instruction, and adapt materials for diverse learners.
- Students are introduced to foundational AI concepts through library lessons and creative, choice-based learning.
- Library Media Specialists are developing AI literacy curriculum for grades 4 & 5.

Middle School AI Curriculum

- In 6th grade, students explore AI through the Passion Project course, using Magic School to support research, critical thinking, and inquiry skills.
- In 7th & 8th grade Crosswalk Lessons (Social Studies), students learn responsible AI use, media literacy, and bias detection while practicing lateral reading and ethical research.
- Lessons are aligned to curriculum standards and the library crosswalk.

High School AI Curriculum

- Encourages students to think critically about how AI shapes authorship, creativity, and human expression.
- Identify entry points for AI lessons throughout grades 9-12 within all disciplines.
- Student Focus: AI is used as a thought partner, a feedback tool, and a research guide.

Teacher Use of AI



Teachers are using AI-powered platforms that help them save time and differentiate learning. User-friendly tools generate customized content instantly, based on simple inputs.

Analyze assessments to create small group differentiation

Small Group Planning Using Magic School & NWEA Reports

PROMPT 1:

You are a 5th grade teacher. These reports show the MAP growth reports for your class this past administration in the winter. You are creating reading small groups (of approximately 4 students each) that are focused on the most critical areas of need for students in your class. Create the groups and a plan with a series of 3 small groups for each need that would be carried out over 2 weeks. Follow the attached structure of a small group (using the PDF called small group planning tool), making the try it's the longest part of the group, and the whole group lasting no more than 10-12 minutes. Be sure to also provide the passages and all materials in order to execute the group successfully.

Attached:

- Small Group Planning Tool
- 8 Student NWEA Reports (Winter Administration)

OUTPUT:

Based on the MAP growth reports and the provided small group planning tool, I will create reading small groups for approximately 4 students each, focusing on their critical areas of need. The groups will meet over two weeks, with a series of three small group sessions.

Group 1: Focus on Understand Language, Craft, and Structure

Students: 1, 2, 3, 4

Session Breakdown:

- 1. Rally (2 minutes)** Activate prior knowledge
 - Discuss different types of texts (narrative, expository, poetry).
- 2. Try it #1 (5 minutes)** Practice with a shared text
 - Read a short narrative passage together.
 - Identify elements of language and structure (e.g., dialogue, paragraphs).
- 3. Try it #2 (2 minutes)** Partner 1's text
 - Students pair up and analyze a different text's structure and language.
 - Discuss how the structure affects the meaning.
- 4. Link (2 minutes)** Restate Topic Focus
 - Summarize what was learned and how it applies to their reading.

Rubric generation for World Language

OBJETIVOS DE DESARROLLO SOSTENIBLE					
Criterio	2 Puntos (Excedente)	4 Puntos (Muy Bueno)	3 Puntos (Bueno)	2 Puntos (Necesita Mejorar)	1 Punto (Insuficiente)
Indicador del Problema	Describe clara, precisa y detallada del problema de desarrollo sostenible, con contexto global y local completo.	Describe clara del problema con algunos detalles contextualizados.	Describe clara del problema con algunos detalles contextualizados.	Describe superficial del problema.	Problema no está claramente definido.
Análisis de Causas	Análisis profundo y exhaustivo de las causas del problema, con fuentes académicas y datos primarios.	Análisis detallado de las causas principales con buenas referencias.	Análisis básico de algunas causas del problema.	Análisis limitado y poco fundamentado.	Causas no identificadas o incorrectas.
Efectos e Impacto	Evaluación comprehensiva de los efectos, identificando impactos sociales, económicos y ambientales en diferentes niveles.	Identificación clara de múltiples efectos con evidencia significativa.	Identificación de algunos efectos principales.	Efectos poco desarrollados o superficiales.	Efectos no identificados.
Indicadores Existencia	Investigación exhaustiva de acciones locales y nacionales con análisis crítico de su efectividad.	Presentación detallada de una o varias acciones relevantes.	Mención de una o dos acciones básicas.	Plan de acción poco desarrollado.	No se presentan acciones.
Plan de Acción del grupo	Plan de acción innovador, realista y detallado con cronograma claro de implementación.	Plan de acción bien estructurado con algunos cronogramas.	Plan de acción básico con algunos cronogramas.	Plan de acción poco desarrollado.	No existe plan de acción.
Fuente gráfica y fuente escrita	Toda la fuente se refiere a la clase.	Señala una fuente escrita y la clase.	Señala una fuente escrita y la clase.	Señala una fuente escrita y la clase.	No hay ninguna fuente escrita.
Fuentes y Evaluación	Tres tipos de fuentes (académicas, noticias, artículos) de alta credibilidad académica citados apropiadamente en formato APA o similar.	Tres tipos de fuentes citados con buena credibilidad.	Dois tipos de fuentes citados con credibilidad moderada.	Fuentes limitadas o poco credibles, o no citadas.	No se presentan fuentes.
Sub Total	/ 20 PUNTOS		0		

- **Lesson Planning:** Generate comprehensive lesson plans tailored to students' needs
- **Differentiation:** Adapt materials to accommodate diverse learning styles and abilities
- **Feedback Supports:** Clarify what strong work might look like and streamline the feedback process



Teacher Use of AI

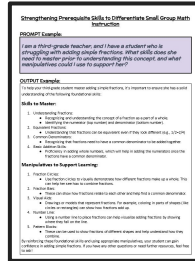


Differentiation with Magic School

Raina is Magic School's AI-powered chatbot. This feature allows users to input custom prompts and attach files for reference. Raina can offer feedback, simplify complex tasks, generate differentiated small group plans and more.

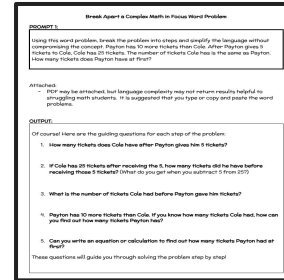
Strengthening Prerequisite Skills to Differentiate Small Group Math Instruction

- Identify necessary prerequisite skills you can target during small group instruction to support skill growth
- Prompt it to identify manipulatives and activities you can use for targeted instruction to support skill development



Differentiating Word Problems:

- Break down a word problem into steps
- Simplify language without compromising the concept

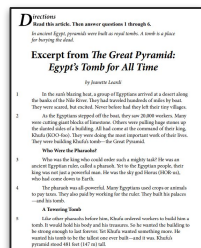


Teacher Use of AI

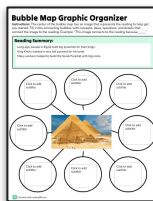


Diffit is an AI-powered tool that helps teachers create student-facing differentiated materials based on any topic theme or question.

4th grade passage modified to a
1st grade reading level:



Modified student-facing resources:



How it works:

- Type in a topic, link to an article or video, book title, paste text, upload a pdf, or enter a vocabulary list
- Enter the desired reading level
- Diffit will generate a leveled text, a summary, vocabulary list, multiple-choice and short answer questions, and instructional resources
- All materials can be converted into Google Slides, Docs, or Forms for teachers to edit and tailor

How teachers are using Diffit:

- Adjust texts and instructional materials to desired reading levels
- Differentiation for small groups
- Translate materials for ENL program



AI with Canva

- Canva is a graphic design tool that works to simplify the process of design. Canva uses a drag-and-drop interface and is equipped with ready-made templates, making it easy to use for teachers and students!
- With Canva you can create posters, graphic organizers, mind maps, newsletters, brochures, presentations, videos, and much more!
- Canva is available for teachers & students!
- Canva's **Magic Studio** is a suite of AI-powered tools designed to simplify and enhance the design process.
- It integrates various AI features to assist users in creating diverse content, including videos, images, and graphics with minimal technical expertise.
- Canva's Magic Studio helps teachers create engaging instructional materials and allow you to differentiate classroom materials for students.



Deepen Thinking With Notebook LM

- NotebookLM is a Google AI-powered research and writing assistant that helps users understand and synthesize information from their own documents and other sources
- It allows users to upload files like PDFs, Google Docs, and even YouTube videos to create an AI "expert" that can answer questions, summarize content, and generate study materials based on the provided information.
- NotebookLM helps users get to critical insights faster and is grounded in the specific sources they provide

How it works:

- Upload sources (education standards, lecture notes, and course readings) or Discover sources based on a topic of interest
- Chat with sources and NotebookLM will give grounded information. Grounding helps reduce hallucination and incorrect information.
- Transform material into different artifacts, an Audio Overview, a Video Overview, Flashcards, Quizzes and more.



AI In Elementary Music

How AI can enhance student learning in music:

- **Student Learning Goals:**

- Interview a living composer and explore samples of their music
 - Use AI to interview a historical musician or composer (e.g., Beethoven, Ella Fitzgerald, Bob Marley)
- Learn to play a set of notes on the recorder
- Listen to and critically think about musical genres such as Classical, Jazz, Bluegrass, Reggae, Hip-hop
- Work in small groups to compose original melodies with accompaniment tracks from their genre
- Write and present research summaries about their chosen genre
 - Obtain interactive feedback from AI to refine their research writing for clarity and accuracy
 - Combine performance + research into a final class presentation



Interacting with Musicians

Teacher View: Priming the bot

Room > Tool Details

Character Chatbot ▾

Grade level *

3rd grade ▾

Character, author, or historic figure: ⓘ

🗣️ Beethoven, Bob Marley, Earl Scruggs, Ella Fitzgerald, Queen Latifah

Add File ▾ Total word limit: 0/75,000

Additional Fields ^

Learning objective or goal of this chat: ⓘ

🗣️ I want students to learn about the history of a musical genre and the role of a certain musician or composer in that genre. The five musical genres are Classical, Jazz, Bluegrass, Reggae, and Hip-hop.

Add File ▾ Total word limit: 0/75,000

Student Experience:



Add tool **Save to room**

Preview ↻

Character Chatbot
Chat with a famous composer or musician.

Hi 🌟 I can be any character, author, or historic figure. Who do you want to chat with?
You can choose from these amazing musicians:

- **Beethoven** (Classical music composer)
- **Bob Marley** (Reggae musician)
- **Earl Scruggs** (Bluegrass musician)
- **Ella Fitzgerald** (Jazz singer)
- **Queen Latifah** (Hip-hop artist)

Or you can pick someone else you'd like to learn about! Who sounds interesting to you?

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



RMS AI Curriculum

6th Grade Passion Project Course

- **Curriculum Development:** Co-designed five AI-focused lessons
- **Research & Critical Thinking:** Students use MagicSchool AI to explore topics and evaluate sources
- **Independent Inquiry Skills:** AI supports planning, note-taking, and ethical project work

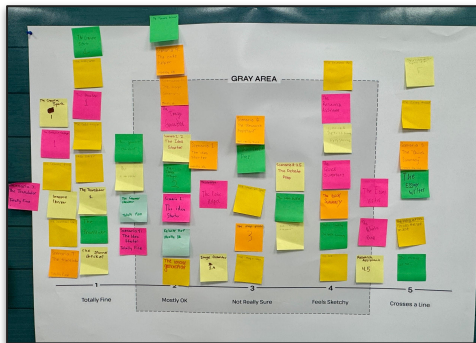
7th & 8th Grade Crosswalk Lessons - Social Studies

- **Curriculum Development:** Six AI-focused lessons for 7th & 8th grade, aligned to curriculum and library crosswalk
- **Media & AI Literacy:** Students learn responsible AI use, spotting deep fakes, hallucinations, and bias
- **Critical Evaluation:** Lateral reading strengthens verification and context analysis skills
- **Academic Skills:** AI supports study habits, note-taking, and research practices
- **Practical AI Tools:** MagicSchool AI used for keyword searches, article retrieval, and guided research



Student Experience

8th Grade Social Studies Lesson Examples



"Grey Area" Activity

Warm-Up - Are They Real?

Directions: Look at the photographs below. Are they real or were they generated by AI? Drag the tile "real" or "AI" over each photo and discuss your reasoning with your group.

REAL
AI



Deep Fakes Warm Up Activity



Study Habits

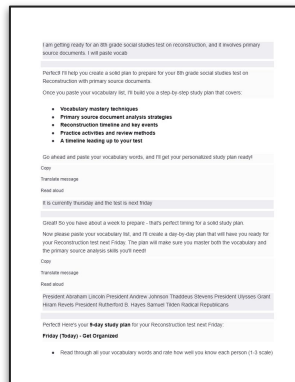
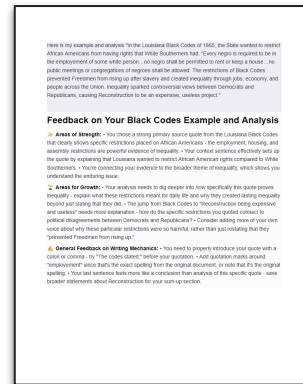


Get a plan and study tips to prepare for any test, assignment, or project.



Writing Feedback

Generate feedback on student writing based on custom criteria or a rubric.



Academic Skill Support: Student examples of using Study Habits tool and Writing Feedback tool to support their work in Social Studies.

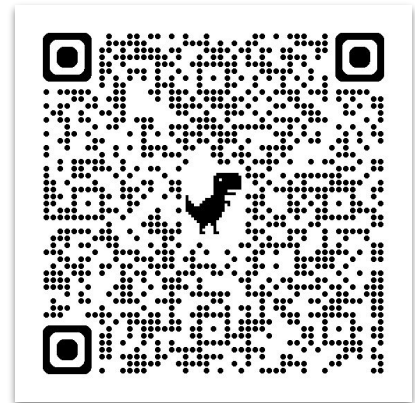


Next Steps

- Session 2: January 7th, 2026
- Session 3: February 23rd, 2026

We want to tailor our next sessions to address any remaining questions you have.

Scan the QR code to share your questions.



Questions/Comments

Thank you!

**Scan the QR code to
share your questions.**

