



Rye City School District Artificial Intelligence Parent University

January 7, 2026

Lauren Santabarbara, Assistant Superintendent for Curriculum, Instruction and Assessment

Dr. Kaitlyn Sassone, Director of Technology/CIO

Caroleann Bombace, Instructional Technology Coach 6-12

Shehnaz Washington, Instructional 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

- Overview: Prompt Engineering for Families
- AI Stations:
 - AI-Powered Brainstorming (K-12)
 - Math Support & AI (K-6)
 - AI & Reading: How to Support Literacy At Home (K-5)
 - Writing Feedback: Getting AI to Write *With* You (6-12)



AI Tools

Copilot
LLM



ChatGPT
LLM



Gemini
LLM



Magic School
Generative AI



Claude
LLM



Alexa
Voice-Activated
AI Agent



What are Large Language Models?

- Large Language Models (LLMs) are a type of artificial intelligence designed to work with language. They are trained on massive amounts of text — such as books, articles, and code — to learn how language is used.
- Here's the key idea:
 - LLMs don't understand information the way people do. Instead, they recognize patterns in words, sentences, and structure.
- Think of it like studying a giant library. By reading millions of examples, the LLM learns how words relate to one another and how language is commonly used to create meaning.



LLMs aren't about intelligence - they're about probability!
They predict the *most likely next word* based on patterns in data.

Good prompts tilt the odds in your favor



Prompt Engineering

- ◉ A prompt is the initial message or instruction given to the chatbot to start conversation or guide the response. (Ex. Statement, questions...)
- ◉ Prompt engineering is really computer programming using English as the coding language.
- ◉ Prompts act as filters. They focus the perspective and the process for arriving at the answer.

PROMPT TIPS:



Specify the task - Use action verbs



Be specific - Include what you do and don't want



Provide context - Explain your situation



Specify the audience - Grade level, reading level, etc



Specify the output - Format, tone, length, style, etc.



Give the AI its role - If the AI should respond from a certain perspective



Give examples - As needed to guide the AI



Refine and repeat - Edit your prompt, tell the AI what was wrong, etc.



PARTS Framework

Letter	Meaning	Why It Matters
P	Persona	Set LLMs role (e.g., “You are a coach...”)
A	Act	Be clear on the task (e.g., “Design...”, “Write...”)
R	Recipient	Define the audience (e.g., “Grade 4 students”)
T	Theme	Set the topic (e.g., “fractions,” “empathy”)
S	Structure	Define output (e.g., “5E lesson,” “newsletter”)



Prompt Engineering

Prompt Engineering is an ITERATIVE Process!



If AI output is off, try:

- Adding more structure
- Clarifying audience or tone
- Include examples
- Keep iterating!



Technology Setup

- Please log into your personal device
- Open your Wi-Fi settings:
 - Network Name: Rye-Open
 - No password required
- Navigate to www.ChatGPT.com



Station Rotation

You will have the opportunity to visit any of the stations below. These stations will give you a sense of how you can support your children within specific lenses.

[AI-Powered
Brainstorming
\(K-12\)](#)

[AI & Reading:
How to Support
Literacy At Home
\(K-5\)](#)

[Math Support & AI
\(K-6\)](#)

[Writing Feedback:
Getting AI to Write
With You \(6-12\)](#)



AI-Powered Brainstorming

AI is here—our goal is to teach students **how to think with it**, not avoid it

Why Prompts Matter

AI responds exactly to how it's asked:

- ◉ *Weak* prompts → finished work
- ◉ *Strong* prompts → guided thinking

What Effective Prompts Do

- ◉ Ask questions
- ◉ Encourage explanation
- ◉ Build independence

When to Reframe

- ◉ If ChatGPT is writing answers or producing final work, shift the prompt to questions instead of solutions.



[Click Here to access a K-12 Prompt Guide](#)



Unlocking Math Understanding with AI Tools

- AI should support learning, not do the learning for your child. Encourage your child to talk through their thinking and make sense of the math.
- Focus on understanding the process, models, and reasoning. Avoid using AI just to get answers.
- AI should not be relied upon for accurate computation. The learning happens in the thinking.

[**Math Station Resource**](#)

The PARTS framework helps you ask AI clear questions.

- By telling it who to be, what to do, who it's for, what the topic is, and how to explain, you'll get better, more helpful math support.

Parent Prompt Formula:

- You are a [supportive teacher/coach].
- Help me [support my child] with [math topic].
- My child is [age/grade].
- Explain it using [steps, visuals, or guiding questions]



AI & Reading: How to Support Literacy At Home

- AI should support learning, not do the learning for your child. Encourage your child to talk through their thinking and make sense of what they've read.
- Focus on using it to help you help your child understand their reading.
- AI will not replace instruction, but can help you reinforce what your child is learning in school.

[Reading Station Resource](#)

The PARTS framework helps you ask AI clear questions.

- By telling it who to be, what to do, who it's for, what the topic is, and how to explain, you'll get better, more helpful reading support.

Parent Prompt Formula:

- You are a [supportive teacher/coach].
- Help me [support my child] with [literacy topic/concern].
- My child is [age/grade].
- Explain it using [steps, visuals, or guiding questions]



Writing Feedback: Getting AI to Write With You

AI works best as a [writing partner](#), not a replacement – like having a tutor who helps students think through ideas.

Students share their draft or idea with AI and ask for specific feedback

AI suggests improvements while students maintain ownership of their work

The goal is to strengthen student thinking and writing skills



Next Steps

- 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.

