Supercharge Your Planning

Using ChatGPT as Your Teaching Assistant

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https://bit.ly/SeptAICafe

ChatGPT:
My very well-informed, personable, pleasing, teaching assistant

What if your next great lesson idea isn't in a book or a meeting—but in a single, well-phrased question you ask ChatGPT? Challenge yourself to explore the possibilities.

Focus & Objectives

- Objectives:
  - What is it?
  - How to use it
  - Examples

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What is it?

What is ChatGPT?

- A powerful AI tool that generates human-like text based on the prompts you give it.
- Acts as a virtual teaching assistant to save time, brainstorm ideas, and enhance lesson planning.
- Designed to adapt to your needs—whether it's creating lesson plans, modifying activities, or answering questions.

- ChatGPT Foundations for K-12 teachers (FREE 1-hour course)

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How to use it

- Prompting
  - Why Prompting Matters
    - Clear, specific prompts yield better, more targeted results.
    - Think of ChatGPT as a highly informed but literal teaching assistant: It needs detailed instructions to deliver exactly what you need.
  - Key Elements of an Effective Prompt
    - Be specific: Include grade level, subject, and objective, standards.
    - Set a clear task: Ask for a specific output (lesson plan, activity, example).
    - Provide context: Share details about your students' needs (e.g., struggling readers, advanced learners).
    - Use keywords: Include concepts or skills you want addressed (e.g., fractions, persuasive writing).
    - Prompting Resource document (CRE Framework)
    - GenAI Prompt Library

Prompting Examples

- Example 1: Elementary ELA (3rd Grade)
  - Bad Prompt: "Help me with a reading lesson."
  - Better Prompt: "Create a 3rd-grade reading lesson plan focused on identifying the main idea and supporting details in a story. Include a group activity and an independent worksheet."
- Example 2: Middle School Math (7th Grade)
  - Bad Prompt: "Explain fractions."
  - Better Prompt: "Explain how to compare fractions with different denominators to 7th-grade students. Use a real-world example involving sharing food, and include a practice problem."
- Example 3: High School Science (Biology)
  - Bad Prompt: "Write a lesson on cells."
  - Better Prompt: "Create a high school biology lesson plan about the structure and function of plant and animal cells. Include a hands-on lab activity, key vocabulary, and a formative assessment question."

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You Try It!

- Quick Activity
  - Brainstorm a lesson, topic, standard, activity, need, etc.
  - Try an initial prompt with ChatGPT and refine it

- Remember…this is an iterative process
- It should be a conversation
- Don’t be afraid to push back against ChatGPT
  - “well-informed” does not mean “all knowing”
- ChatGPT is NOT a search engine

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Brainstorming Ideas

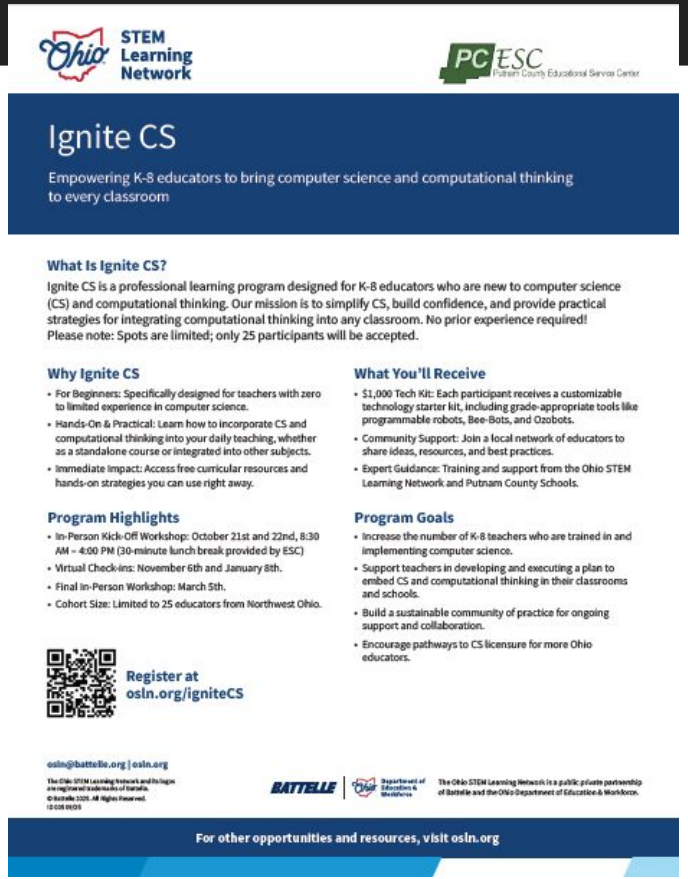
- Integrate Lessons/Topics (Math Communication example)
- Have it create the format you need
  - CSV, PDF, PowerPoint
- Interview skills
  - Mock Job interview
- Modify documents, lessons, etc.
  - Differentiation, DOK
  - Interests
- Real-world connections
  - Educator Bootcamp example
- List of brainstorming ideas from ChatGPT (for Elem., MS, & HS)

Other Resources

- TeachShare
  - ELA Sample
- MagicSchool AI
- CanvaAI
- Gamma
- Suno
- Bing.com/create

Teach Computer Science

Registration



STEM Learning Network

PC ESC Putnam County Educational Service Center

Ignite CS

Empowering K-8 educators to bring computer science and computational thinking to every classroom

What Is Ignite CS?

Ignite CS is a professional learning program designed for K-8 educators who are new to computer science (CS) and computational thinking. Our mission is to simplify CS, build confidence, and provide practical strategies for integrating computational thinking into any classroom. No prior experience required! Please note: Spots are limited; only 25 participants will be accepted.

Why Ignite CS

- For Beginners: Specifically designed for teachers with zero to limited experience in computer science.
- Hands-On & Practical: Learn how to incorporate CS and computational thinking into your daily teaching, whether as a standalone course or integrated into other subjects.
- Immediate Impact: Access free curricular resources and hands-on strategies you can use right away.

What You'll Receive

- $1,000 Tech Kit: Each participant receives a customizable technology starter kit, including grade-appropriate tools like programmable robots, Bee-Bots, and Ozobots.
- Community Support: Join a local network of educators to share ideas, resources, and best practices.
- Expert Guidance: Training and support from the Ohio STEM Learning Network and Putnam County Schools.

Program Highlights

- In-Person Kick-Off Workshop: October 21st and 22nd, 8:30 AM – 4:00 PM (30-minute lunch break provided by ESC)
- Virtual Check-ins: November 6th and January 8th.
- Final In-Person Workshop: March 5th.
- Cohort Size: Limited to 25 educators from Northwest Ohio.

Program Goals

- Increase the number of K-8 teachers who are trained in and implementing computer science.
- Support teachers in developing and executing a plan to embed CS and computational thinking in their classrooms and schools.
- Build a sustainable community of practice for ongoing support and collaboration.
- Encourage pathways to CS licensure for more Ohio educators.

Register at osln.org/igniteCS

osln@battelle.org | osln.org

BATTELLE | Ohio Department of Education & Workforce

The Ohio STEM Learning Network is a public private partnership of Battelle and the Ohio Department of Education & Workforce.

For other opportunities and resources, visit osln.org

"Technology will never replace great teachers, but in the hands of great teachers, it's transformational."

– George Couros

The ultimate goal of every tool we use is to create better learning experiences for our students. How will you use AI to make your teaching more engaging, efficient, and impactful for your students?

Questions? -

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