

C.L.E.A.R. Prompt Creator Protocol for Teachers

C - Clarity

Define your teaching objective precisely:

- Specify the subject area and skill focus
- Indicate the grade/difficulty level
- Include specific content, concept, or standard
- State the learning target clearly

Instead of: "Create a science activity." Better: "Create a middle school physical science lab exploring Newton's Second Law of Motion using simple materials for 8th grade students."

L - Layout

Specify the educational format you need:

- Lesson structure (warm-up, direct instruction, guided practice, independent work)
- Assessment format (multiple choice, essay, project, performance task)
- Activity type (experiment, discussion, collaborative problem solving, simulation)
- Digital or print organization (slides, worksheet, interactive module)
- Time allocation for different components

Example: "Design a 55-minute math lesson with a 10-minute number talk warm-up, 15-minute introduction to linear inequalities, 20-minute partner problem set, and 10-minute exit ticket. Include teacher notes in a separate section."

E - Examples

Provide sample content to clarify expectations:

- Example problems or questions at appropriate difficulty
- Sample vocabulary or terminology to include
- Models of student work at different performance levels
- Examples of similar activities you've used before
- References or materials you'd like incorporated

Example: "Create a history document analysis activity similar to this: 'What perspective does the author represent? What evidence supports your conclusion?' Focus on primary sources from the Civil Rights Movement and contextual understanding."

A - Aim

Explain the pedagogical purpose:

- Connection to curriculum standards (Common Core, NGSS, state standards)
- Learning objective (what students will know and be able to do)
- Assessment intention (formative, summative, diagnostic)
- Cross-curricular connections
- Critical thinking or problem-solving goals

Example: "This English language arts activity aims to develop students' ability to analyze rhetorical devices in persuasive texts. The activity should address Common Core standard RI.9–10.6 on determining author's point of view."

R - Relevance

Provide contextual details for personalization:

- Student age group, background knowledge, and interests
- Classroom diversity considerations
- Current unit themes or essential questions
- School/classroom constraints or resources
- Differentiation needs or accommodations
- Technology resources available

Example: "Design this algebra activity for a diverse 9th grade class with varied math confidence levels. Five students are English language learners, and three have IEPs requiring additional processing time. The class has access to graphing calculators and is currently studying real-world applications within their 'Mathematics in Careers' unit."

Planning Templates for Different Subjects

Assessment Creation Template

- **Clarity:** Define assessment type, subject area, grade level, and content focus
- **Layout:** Specify format, scoring method, time limits, and section organization
- **Examples:** Include sample questions, acceptable responses, or rubric descriptors
- **Aim:** Connect to standards, unit outcomes, and assessment purpose
- **Relevance:** Consider student background knowledge, differentiation needs, and testing conditions

Example: Create a 45-minute science assessment for 10th grade biology students focusing on cellular respiration processes. The assessment should include 15 multiple-choice questions, 3 diagram labeling tasks, and 2 short constructed responses explaining real-world applications. Include a clear rubric for scoring constructed responses (0–4 points each) with sample acceptable responses at different performance levels. The assessment should align with NGSS HS-LS1–7 and evaluate students' understanding of how cellular respiration converts food energy into ATP. Consider that students have varying laboratory experience and provide appropriate context for application questions.

Content Analysis Template

- **Clarity:** Specify resource type, subject area, complexity level, and targeted skills
- **Layout:** Organize pre/during/post engagement activities with appropriate scaffolds
- **Examples:** Provide sample questions, vocabulary support, or discussion prompts
- **Aim:** Define analysis goals (main concepts, evidence evaluation, etc.)
- **Relevance:** Connect to themes, diverse perspectives, and student interests

Example: Design a primary source analysis activity using excerpts from Frederick Douglass's autobiography for 11th grade U.S. History students. Create a structured activity with pre-reading historical context, during-reading guided questions using an evidence collection tool, and post-reading reflection prompts. Include 5 sample analysis questions targeting author's purpose and rhetorical choices, a vocabulary guide for 8–10 challenging terms, and 3 discussion prompts connecting to modern civil rights issues. The goal is for students to analyze how the text reveals perspectives on freedom and identity in 19th century America. Connect the activity to the unit theme "The Evolution of American Democracy" and incorporate students' interest in social justice.

Collaborative Learning Template

- **Clarity:** Define group task, subject content, and required skills
- **Layout:** Structure as debate, jigsaw, project-based learning, or problem-solving format
- **Examples:** Provide discussion starters, key terminology, or communication protocols
- **Aim:** Specify cooperation objectives and feedback mechanisms
- **Relevance:** Create authentic contexts and culturally responsive scenarios

Example: Develop a 30-minute math collaborative problem-solving activity for middle school students practicing proportional reasoning. Structure the activity as a "Shopping on a Budget" challenge where student teams must determine the best deals across different store scenarios. Include 3 entry-point questions, a structured problem-solving format, and a list of 8 key mathematical terms students should use in their discussions. Teams should practice justifying their mathematical thinking and critiquing others' reasoning. Incorporate peer feedback using a "Two Stars and a Wish" protocol. Make the scenario authentic by using realistic prices and product information from stores familiar to students in the community.

Project-Based Learning Template

- **Clarity:** Define project type, audience, timeframe, and core skills/standards
- **Layout:** Organize project phases, checkpoints, and final presentation format
- **Examples:** Share model projects, planning frameworks, or assessment tools
- **Aim:** Connect to real-world applications and transferable competencies
- **Relevance:** Consider available resources, student interests, and community connections

Example: Create a two-week project-based learning unit for elementary students designing sustainable garden spaces for the school grounds. The final product will be presented to the school principal and parent organization. Organize the project with four phases: research, design, model creation, and presentation, with clear daily objectives and checkpoints. Include a project planning guide, sample research questions, and a presentation outline with key vocabulary. The aim is to apply science concepts of plant needs and life cycles while developing measurement, scale drawing, and persuasive communication skills. Provide rubrics for both the garden design and presentation. Consider that students will need to work within actual space constraints and the regional climate, and will have access to basic art supplies and recycled materials for model creation.