

Prompts

AI TEACHING ASSISTANT

This document provides you with actionable prompts designed to help you leverage artificial intelligence to enhance your teaching effectiveness, reduce your workload, and create more engaging learning experiences for your students.

Teaching has always been demanding, but recent years have brought unprecedented challenges. Between lesson planning, differentiation, grading, parent communication, and administrative tasks, teachers often find themselves overwhelmed. The goal of this guide is to help you reclaim your time and rediscover your passion for teaching by using AI as your personal teaching assistant.

This document contains over 40 carefully crafted prompts organized by teaching goals. Each prompt is designed to be used with an AI assistant to help you accomplish specific tasks more efficiently and effectively. Whether you're looking to streamline lesson planning, differentiate instruction, provide better feedback, or create engaging learning experiences, these prompts will help you harness AI to achieve your goals.

Prompts

CATEGORIES

Efficient Lesson Planning

Create a Basic Lesson Plan

1. Act as an experienced [SUBJECT] teacher for [GRADE LEVEL]. Create a comprehensive lesson plan on [TOPIC] that follows a [TEACHING METHODOLOGY] approach. The lesson should:
 - Target the following standards: [LIST STANDARDS]
 - Include a hook/introduction activity (5-10 minutes)
 - Feature a main instruction component (20 minutes)
 - Incorporate guided practice opportunities (15 minutes)
 - End with an assessment strategy (10 minutes)
 - Address common misconceptions about this topic
 - Include necessary materials and resources

My students have the following characteristics and needs:
[DESCRIBE STUDENT NEEDS]

Differentiate Your Lesson

2. Take this lesson plan [PASTE LESSON PLAN] and create three differentiated versions to accommodate:
 1. Students who are below grade level or need additional support
 2. Students who are at grade level
 3. Students who need enrichment or are above grade level

For each version, adjust the content complexity, process (how students learn), and product (how they demonstrate learning) while maintaining the same learning objectives. Include specific modifications for instruction, activities, and assessments.

Create Engaging Hooks

3. Generate 5 creative and engaging hooks/introductory activities for a lesson on [TOPIC] for [GRADE LEVEL] students. Each hook should:
 - Take 5-7 minutes to implement
 - Activate prior knowledge
 - Generate curiosity about the topic
 - Connect to students' real-world experiences
 - Require minimal preparation or materials

My classroom setting and available resources are:
[DESCRIBE CLASSROOM ENVIRONMENT]

Design Formative Assessments

4. Create 5 different formative assessment strategies for my [SUBJECT] class on the topic of [TOPIC]. For each assessment:
 - Explain how it works
 - Provide specific examples or templates I can use
 - Explain how it will help me gauge student understanding
 - Indicate how long it should take to implement
 - Describe how I can use the results to adjust my teachingMy classroom context is: [DESCRIBE CONTEXT]

Generate Discussion Questions

5. Create a set of 10 discussion questions about [TOPIC] for my [GRADE LEVEL] [SUBJECT] class. The questions should:
 - Progress from basic recall to higher-order thinking (following Bloom's Taxonomy)
 - Encourage critical thinking and analysis
 - Promote student-to-student interaction
 - Connect the topic to relevant real-world scenarios
 - Address potential misconceptions or challenging aspects of the topicInclude follow-up questions for each main question to deepen the discussion.

Curriculum Planning and Unit Design

Map a Complete Unit

6. Design a comprehensive unit plan for [TOPIC] in [SUBJECT] for [GRADE LEVEL] students. The unit should:
- Span [NUMBER] weeks/lessons
 - Address these standards: [LIST STANDARDS]
 - Have a clear progression of knowledge and skills
 - Include formative and summative assessments
 - Incorporate diverse teaching strategies and learning activities
 - Address multiple learning styles and needs
 - Include key resources and materials needed
- My teaching context is: [DESCRIBE CONTEXT]

Create a Standards Alignment Map

7. Create a standards alignment map for my [SUBJECT] curriculum for [GRADE LEVEL]. For each of these standards [LIST STANDARDS], please:
1. Break down the standard into specific knowledge and skills students need to master
 2. Suggest 2-3 learning activities that would help students meet each standard
 3. Recommend assessment methods to verify mastery
 4. Identify prerequisite skills students should have before tackling this standard

5. Suggest connections to other subject areas where relevant

Organize this information in a clear, table format that I can reference throughout the year.

Design a Cross-Curricular Unit

8. Design a cross-curricular unit that integrates [SUBJECT 1] and [SUBJECT 2] for [GRADE LEVEL] students. The unit should:
- Center around the theme of [THEME]
 - Address standards from both subject areas: [LIST STANDARDS]
 - Include activities that meaningfully connect both subjects
 - Span approximately [NUMBER] lessons
 - Culminate in a final project that demonstrates learning from both areas
 - Include resources needed and suggested timeline

My teaching context and student characteristics are: [DESCRIBE CONTEXT]

Create a Learning Progression Map

9. Create a detailed learning progression map for teaching [BROAD SKILL/CONCEPT] to [GRADE LEVEL] students over the course of [TIME PERIOD]. For each stage in the progression:
1. Identify the specific subskills or concepts students should master

2. Describe what success looks like at each stage
3. List potential challenges or misconceptions students might encounter
4. Suggest teaching strategies and activities appropriate for that stage
5. Recommend assessment approaches to verify readiness for the next stage

My students' current understanding level is: [DESCRIBE CURRENT UNDERSTANDING]

Design Curriculum Adaptation

10. Help me adapt this curriculum unit [PASTE CURRICULUM UNIT] to better meet the needs of my students. My students have the following characteristics and needs: [DESCRIBE STUDENT NEEDS].

Please suggest specific modifications to:

1. The content (what is taught)
2. The instructional approaches (how it's taught)
3. The materials and resources used
4. The assessment methods
5. The pacing and sequence

Maintain the core learning objectives while making the unit more accessible and engaging for my specific students.

Differentiation and Personalization

Create Multi-Level Reading Materials

11. Take this text on [TOPIC] [PASTE TEXT] and create three versions at different reading levels:
 1. A simplified version (approximately 2-3 grade levels below)
 2. An on-grade level version
 3. An advanced version with more complex vocabulary and sentence structures

Maintain the same key information and concepts across all versions while adjusting vocabulary, sentence complexity, and length appropriately. Include a brief list of key vocabulary for each version.

Design Tiered Assignments

12. Create a tiered assignment for my lesson on [TOPIC] in [SUBJECT]. Design three tiers that address the same learning objective but vary in:
 1. Complexity of the task
 2. Amount of structure provided
 3. Depth of critical thinking required
 4. Expected output or product

For each tier, provide:

- Clear directions for students
- Success criteria

- Necessary materials or resources
- Approximate time needed for completion

The learning objective is: [STATE LEARNING OBJECTIVE]

Generate Scaffolded Questions

13. Create a set of scaffolded questions about [TOPIC] that progressively increase in difficulty. Start with basic recall questions and move toward analysis, evaluation, and creation. For each question:
1. Identify the level of thinking required (using Bloom's or DOK)
 2. Provide possible student responses
 3. Suggest follow-up questions based on those responses
 4. Include appropriate scaffolds for struggling students
- These questions will be used for: [DESCRIBE CONTEXT/PURPOSE]

Create Learning Stations

14. Design 4-5 learning stations for my lesson on [TOPIC] in [SUBJECT] for [GRADE LEVEL] students. Each station should:
- Focus on a different aspect of the topic or different learning modality
 - Take approximately [TIME] minutes to complete
 - Be self-directed with clear instructions
 - Include all necessary materials and resources

- Accommodate different learning styles or readiness levels
- Include an accountability component

My classroom layout and available resources are: [DESCRIBE CLASSROOM ENVIRONMENT]

Develop Personalized Learning Plans

15. Create a template for personalized learning plans that I can adapt for students who need additional support or enrichment in [SUBJECT]. The template should include:

1. Space for identifying student strengths and areas for growth
2. Goal-setting section with measurable objectives
3. Specific learning strategies tailored to different learning needs
4. Resources and materials needed
5. Progress monitoring tools
6. Parent/student involvement components
7. Timeline and check-in points

I specifically need to address these types of learning needs: [DESCRIBE LEARNING NEEDS]

Efficient Assessment and Feedback

Create a Comprehensive Rubric

16. Create a detailed, student-friendly rubric for assessing [ASSIGNMENT TYPE] in my [SUBJECT] class. The rubric should:
- Address these key components: [LIST COMPONENTS]
 - Include 4 performance levels with clear descriptors for each
 - Use language that students can understand
 - Align with these standards/objectives: [LIST STANDARDS/OBJECTIVES]
 - Include both content mastery and skill development components
 - Be formatted in a clear, easy-to-use table
- The assignment requirements are: [DESCRIBE ASSIGNMENT]

Generate Feedback Templates

17. Create a set of feedback templates for common issues I see in student [ASSIGNMENT TYPE] for my [SUBJECT] class. For each issue, provide:
1. A brief explanation of the issue
 2. Constructive feedback that identifies the problem
 3. Specific guidance on how to improve
 4. A positive reinforcement component
 5. An example of how the work could be improved

The common issues I typically see include: [LIST COMMON ISSUES]

Design Quick Formative Assessments

18. Design 5 quick formative assessments (3-5 minutes each) that I can use at different points in my [SUBJECT] unit on [TOPIC]. Each assessment should:
- Target a specific learning objective
 - Be easy to implement with minimal materials
 - Provide immediate information about student understanding
 - Be engaging for students
 - Include a method for recording/tracking results

The key learning objectives for this unit are: [LIST OBJECTIVES]

Create a Test Blueprint

19. Create a test blueprint for a summative assessment on [TOPIC] for my [GRADE LEVEL] [SUBJECT] class. The blueprint should:
1. Identify the key standards/objectives being assessed
 2. Allocate appropriate weight to each standard based on importance
 3. Specify the number and types of questions for each standard
 4. Include a mix of question types (multiple choice, short answer, extended response, etc.)

5. Indicate the cognitive level (recall, application, analysis, etc.) for each question type

6. Suggest time allocations for each section

The test will be [LENGTH] and needs to be completed in [TIME].

Design Peer Feedback Protocols

20. Create structured peer feedback protocols for [ASSIGNMENT TYPE] in my [SUBJECT] class. Design:
1. Clear step-by-step instructions for students to follow
 2. Specific questions or prompts to guide their feedback
 3. A template students can use to record their feedback
 4. Guidelines for giving constructive criticism respectfully
 5. A process for the recipient to reflect on and use the feedback

The assignment involves: [DESCRIBE ASSIGNMENT]

Engaging Learning Activities

Design Project-Based Learning

21. Design a project-based learning experience about [TOPIC] for my [GRADE LEVEL] [SUBJECT] class. The project should:
- Address these standards/objectives: [LIST STANDARDS/OBJECTIVES]
 - Be engaging and relevant to students' lives
 - Include a driving question that guides inquiry
 - Involve student choice and voice
 - Require critical thinking and problem-solving
 - Result in a shareable product or presentation
 - Take approximately [TIME PERIOD] to complete
- My classroom context and resources are: [DESCRIBE CONTEXT]

Create Gamified Learning Experiences

22. Design a gamified learning experience for teaching [TOPIC] to my [GRADE LEVEL] students. The gamification elements should:
- Have clear learning objectives aligned with: [LIST OBJECTIVES]
 - Include a compelling narrative or theme
 - Feature progressive challenges that build skills
 - Incorporate meaningful choices for students
 - Include a point system or rewards that motivate learning
 - Allow for both individual achievement and collaboration

- Be manageable in my classroom setting: [DESCRIBE SETTING]

Please provide all necessary materials, rules, and implementation instructions.

Design Interactive Simulations

23. Design an interactive simulation or role-play activity to help my [GRADE LEVEL] students understand [CONCEPT/TOPIC]. The simulation should:

- Create an immersive experience that makes abstract concepts concrete
- Actively involve all students
- Take approximately [TIME] to implement
- Require minimal special materials
- Include clear instructions and setup guidelines
- Feature a debriefing component to solidify learning

My classroom constraints and available resources are: [DESCRIBE CONSTRAINTS/RESOURCES]

Create Real-World Application Activities

24. Design 3-5 activities that show real-world applications of [CONCEPT/TOPIC] for my [GRADE LEVEL] [SUBJECT] students. Each activity should:
- Connect directly to students' lives or communities
 - Demonstrate practical relevance of the academic content
 - Involve hands-on or authentic problem-solving
 - Be engaging and accessible to diverse learners

- Take approximately [TIME] to complete
- Require minimal special materials

My student population and community context are:
[DESCRIBE CONTEXT]

Design Digital Learning Experiences

25. Create a digital learning experience about [TOPIC] for my [GRADE LEVEL] students using technology resources that are available to me: [LIST AVAILABLE TECHNOLOGY]. The experience should:

- Address these learning objectives: [LIST OBJECTIVES]
- Engage students in active learning rather than passive consumption
- Include multimodal elements (visual, audio, interactive)
- Allow for student creation or contribution
- Provide opportunities for feedback or assessment
- Be accessible to students with different technology skill levels
- Take approximately [TIME] to complete

My students' technology access and skills are: [DESCRIBE ACCESS/SKILLS]

Parent and Stakeholder Communication

Create Parent Communication Templates

26. Create templates for common parent communications I need to send throughout the school year. Please create templates for:

1. Introduction email/letter at the beginning of the year
2. Progress update for a struggling student
3. Positive news about student achievement
4. Information about an upcoming unit or project
5. Request for classroom volunteers or supplies
6. End-of-year wrap-up communication

Each template should:

- Be warm and professional in tone
- Be concise yet informative
- Include customizable sections I can adapt for individual situations
- Be appropriate for my [GRADE LEVEL/SUBJECT] context

My school communication policy and parent population characteristics are: [DESCRIBE CONTEXT]

Create Classroom Newsletter

27. Design a template for a [WEEKLY/MONTHLY] classroom newsletter for my [GRADE LEVEL] [SUBJECT] class. The newsletter should include:

1. A visually appealing layout that's easy to follow
2. Regular sections for upcoming events, curriculum

updates, and classroom highlights

3. A space to feature student work or achievements
4. Practical tips for parents to support learning at home
5. Important dates and reminders
6. A personal note from the teacher

The newsletter will be distributed via [DISTRIBUTION METHOD] and should be appropriate for my parent community: [DESCRIBE COMMUNITY]

Design Student-Led Conference Materials

28. Create materials to support student-led conferences for my [GRADE LEVEL] class. Design:
1. A preparation guide for students to gather and reflect on their work
 2. A conference script or talking points for students to follow
 3. Self-assessment tools for students to evaluate their progress
 4. Reflection questions about strengths and growth areas
 5. Goal-setting templates for the upcoming term
 6. Guidance for parents on how to participate effectively

The conferences will focus on these subject areas: [LIST SUBJECT AREAS]

Create Curriculum Night Presentation

29. Design a presentation for curriculum night/back-to-school night for my [GRADE LEVEL] [SUBJECT] class. The presentation should:

1. Introduce me and my teaching philosophy
 2. Outline the key content and skills students will learn this year
 3. Explain my classroom procedures and expectations
 4. Describe assessment approaches and grading policies
 5. Suggest ways parents can support learning at home
 6. Address common questions or concerns
 7. Be visually engaging and professionally presented
- My teaching approach and important policies are:
[DESCRIBE APPROACH/POLICIES]

Develop Class Website Content

30. Create content for sections of my classroom website. Please develop content for:
1. A welcome/home page that introduces me and my class
 2. A curriculum overview page explaining what students will learn
 3. A resources page with helpful links for students and parents
 4. A classroom policies and procedures page
 5. A homework help section with tips and guidance
- Each section should:
- Be concise yet informative
 - Use a friendly, approachable tone
 - Be organized with clear headings and bullet points where appropriate
 - Include relevant images or visual elements where helpful

My school's website guidelines and my teaching context are:
[DESCRIBE GUIDELINES/CONTEXT]



Classroom Management and Student Support

Design Classroom Procedures

31. Design comprehensive procedures for common classroom routines in my [GRADE LEVEL] class. Create detailed procedures for:

1. Beginning of class/morning routine
2. Transitions between activities
3. Small group/collaborative work
4. Materials distribution and collection
5. Technology use
6. Finishing work early
7. End of day/class dismissal

For each procedure, include:

- Step-by-step instructions
- Clear student expectations
- Visual supports or cues that could help
- Suggestions for teaching and practicing the procedure
- Troubleshooting tips for common issues

My classroom layout and student characteristics are:

[DESCRIBE CLASSROOM/STUDENTS]

Create Behavior Support Plans

32. Create templates for behavior support plans that I can adapt for students who need additional behavioral support. Design templates for addressing:

1. Off-task behavior
2. Disruptive talking/calling out
3. Difficulty with transitions
4. Work avoidance
5. Peer conflict

Each template should include:

- Space to identify antecedents/triggers
- Replacement behaviors to teach
- Specific intervention strategies
- Positive reinforcement approaches
- Progress monitoring tools
- Home-school communication components

My classroom management approach and available support resources are: [DESCRIBE APPROACH/RESOURCES]

Design Social-Emotional Learning Activities

33. Design 5 activities to support social-emotional learning for my [GRADE LEVEL] students. Create activities that address:

1. Self-awareness and emotional regulation
2. Empathy and perspective-taking
3. Responsible decision-making
4. Relationship skills
5. Stress management and coping strategies

Each activity should:

- Take approximately [TIME] to implement
- Include clear objectives and instructions
- Be age-appropriate and engaging

- Require minimal special materials
- Include discussion questions or reflection components

My students' social-emotional needs include: [DESCRIBE NEEDS]

Create Inclusive Classroom Strategies

34. Develop strategies to make my classroom more inclusive for diverse learners. Provide specific approaches for supporting:

1. English language learners
2. Students with learning disabilities
3. Students with attention difficulties
4. Students from diverse cultural backgrounds
5. Students with social or emotional challenges

For each area, suggest:

- Environmental modifications
- Instructional strategies
- Materials or resources to incorporate
- Ways to foster peer support and understanding
- Assessment accommodations where appropriate

My classroom context and student population are:
[DESCRIBE CONTEXT/POPULATION]

Design Student Motivation Strategies

35. Create a comprehensive plan for increasing student motivation and engagement in my [GRADE LEVEL] [SUBJECT] class. The plan should include:

1. Strategies for building student autonomy and choice
2. Approaches for making content relevant to students' lives
3. Methods for recognizing effort and improvement
4. Techniques for building classroom community
5. Ways to make learning more challenging and interesting

For each component, provide:

- Specific implementation steps
- Example activities or language to use
- Ways to differentiate for different student needs
- Suggestions for tracking effectiveness

My current challenges with student motivation include:
[DESCRIBE CHALLENGES]

Implementation Strategy

To effectively use these prompts with an AI assistant, follow these guidelines:

Getting Started

1. **Start with your biggest pain point:** Identify the area of teaching that currently causes you the most stress or takes the most time. Begin with prompts from that section.
2. **Be specific with your context:** The more details you provide about your teaching situation, grade level, subject, student needs, and available resources, the more relevant and useful the AI's response will be.
3. **Start small:** Begin by using AI for one specific task per week. As you become more comfortable, gradually increase your usage.
4. **Maintain quality control:** Always review AI-generated content before using it with students. Check for accuracy, appropriateness, and alignment with your teaching style and student needs.

Maximizing Effectiveness

1. **Save successful prompts:** When you receive a particularly helpful response, save the prompt for future use. Create a personal library of effective prompts.

2. **Refine your prompts:** If an AI response isn't quite what you need, refine your prompt by being more specific or providing examples of what you're looking for.
3. **Use a consistent AI assistant:** Try to use the same AI tool consistently to build familiarity with its capabilities and limitations.
4. **Batch similar tasks:** When possible, use AI to complete similar tasks in batches (e.g., creating multiple lesson plans or assessment materials in one session).
5. **Combine AI assistance with your expertise:** Use AI-generated content as a starting point, then apply your professional judgment to customize it for your specific students.

Maintaining Professional Responsibility

1. **Uphold ethical standards:** Always prioritize student privacy and data security when using AI tools. Never share sensitive student information.
2. **Monitor for bias:** Review AI-generated content for potential biases related to race, gender, culture, or ability. Make necessary adjustments to ensure inclusivity.
3. **Keep your professional judgment central:** Remember that AI is a tool to support your teaching, not replace your professional expertise. You remain the decision-maker.
4. **Stay current:** As AI technology evolves, continue to explore new capabilities and adjust your approach accordingly.

5. **Share your learning:** Consider collaborating with colleagues to share effective AI strategies and learn from each other's experiences.



Final Words

CONCLUSION

By strategically implementing these AI prompts in your teaching practice, you can significantly reduce your workload while enhancing the quality of instruction for your students. Start with small changes, focus on areas that will make the biggest impact, and gradually build your AI competence over time.

Remember that the goal is not to replace your unique talents and connections with students, but to free up your time and energy so you can focus on the aspects of teaching that require your human touch. As you become more comfortable with AI assistance, you'll discover new ways to leverage these tools to transform your teaching experience and reclaim your passion for education.

The journey to becoming an AI-enhanced educator is ongoing. As you experiment with these prompts and develop your own approach, you'll likely discover innovative ways to use AI that aren't covered in this guide. Embrace this exploration with curiosity and confidence, knowing that each step makes you more effective and efficient in your vital role as an educator.