

Generative AI Example

AI Prompts for Career Tech

These are examples of AI chatbot prompts for career tech educators.

For more information see all of my AI resources at www.controlaltachieve.com/ai

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General Examples

Designing Real-World Projects & Problem-Based Learning

- **The Client Scenario:** "Act as a [specific professional, e.g., marketing director for a local coffee shop]. I am your 'client.' Create a project brief for my high school digital design class. The brief should ask them to design a complete brand identity package (logo, menu, social media template). Include project constraints, a target audience, and key deliverables."
- **The "Fix-It" Challenge:** "I teach an automotive technology class. A 'customer' comes in with the following complaint: '[Describe a common car problem, e.g., 'My car is making a strange clicking sound when I turn left']. Generate a problem-based learning scenario around this. What initial diagnostic questions should students ask? What are three potential causes they should investigate? How can they structure their diagnostic and repair plan?"
- **Reverse Engineering a Product:** "My advanced manufacturing students are going to build a [specific product, e.g., a small drone or a portable speaker]. Break down the entire design and manufacturing process into key stages. For each stage, generate a list of guiding questions or a checklist of tasks students need to complete. This should cover everything from initial design and material sourcing to assembly and quality control."
- **The Community Project:** "Brainstorm three project ideas for my construction trades class that would benefit our local community. One project should be small-scale (e.g., building benches for a local park), one medium-scale (e.g., designing and building a new information kiosk for the school), and one large-scale (e.g., partnering with Habitat for Humanity on a build)."
- **The Culinary Challenge:** "Design a 'mystery box' cooking challenge for a culinary arts class, similar to what's seen on TV shows. List five diverse, and slightly challenging, ingredients in the mystery box. Then, create a set of rules and a judging rubric that assesses taste, presentation, and creativity."

Connecting with Industry & Building Career Skills

- **Mock Interview Preparation:** "I am preparing my health sciences students for clinical rotation interviews. Generate a list of 10 behavioral interview questions tailored for a healthcare setting. For each question, provide a brief explanation of what the interviewer is really asking and a tip on how to structure a good response using the STAR method (Situation, Task, Action, Result)."
- **The Professional Dilemma:** "Create a realistic ethical dilemma that a student in [specific field, e.g., IT, cosmetology, law enforcement] might face. For example, 'An IT intern discovers a coworker is using their admin privileges to look at confidential files.' Then, generate a series of discussion questions to guide a class conversation on how to handle the situation professionally and ethically."
- **Resume "Power Words":** "My students are building their first resumes. Generate a list of strong 'action verbs' and 'power words' tailored for a student seeking an entry-level position in [specific industry, e.g., welding, business administration, early childhood education]. Categorize the words by skill type (e.g., 'Communication,' 'Technical,' 'Leadership')."
- **Guest Speaker Prep:** "I have a [type of professional, e.g., a mechanical engineer] coming to speak to my class next week. Generate a list of insightful questions my students can ask that go beyond 'How much money do you make?' The questions should focus on career pathways, daily challenges, and advice for students starting out."
- **Portfolio Development:** "Create a checklist for a senior in my graphic design program to use when curating their professional portfolio. The checklist should prompt them to select a diverse range of work, write a brief rationale for each piece, and ensure the final presentation is polished and professional."

Technical Knowledge & Safety Procedures

- **Explaining a Complex Process:** "Explain the process of [complex technical process, e.g., MIG welding, conducting a patient intake assessment, debugging a piece of code] as you would to a complete beginner. Use a clear analogy to explain the core concept, then provide a simple, step-by-step guide. "
- **Safety First:** "Generate a safety 'quiz show' game to review critical safety procedures for using the [specific piece of equipment, e.g., table saw, patient lift, kitchen deep fryer]. Create 15 true/false and multiple-choice questions that are engaging and memorable."
- **Troubleshooting Guide:** "Create a troubleshooting flowchart for a common problem in [your field, e.g., a 3D printer not extruding properly, a network connection failure]. The flowchart should guide students through a logical sequence of 'if-then' steps to identify and solve the issue."

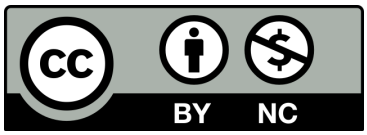
- **Industry Terminology:** "Generate a vocabulary list of 20 essential industry-specific acronyms and terms for my [program name, e.g., CISCO Networking Academy] students. For each term, provide a simple definition and a sentence showing it used in a professional context."

Entrepreneurship & Business Planning

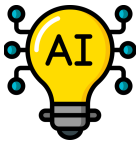
- **The Business Pitch:** "Design a 'Shark Tank'-style project for my entrepreneurship students. They must develop a product or service related to our CTE pathway ([e.g., a new mobile app for the IT pathway, a healthy food truck for the culinary pathway]). Create a rubric for their business pitch, assessing the problem, solution, market analysis, and financial viability."
- **SWOT Analysis:** "A group of my cosmetology students wants to develop a plan for a future salon. Guide them through a SWOT analysis (Strengths, Weaknesses, Opportunities, Threats) for opening a new salon in our specific town of [your town/city]. Prompt them with questions about local competition, demographics, and potential locations."
- **Marketing Plan:** "Create a template for a simple one-page marketing plan. The template should have sections for Target Audience, Unique Selling Proposition (USP), Key Marketing Messages, and a list of three low-cost marketing tactics a student-run business could implement."

Program Management & Advisory Board Engagement

- **Advisory Board Invitation:** "Draft a professional and compelling email to a busy industry leader inviting them to join our CTE program's advisory board. The email should clearly state the board's purpose, the time commitment, and the value their expertise would bring to our students."
- **Equipment Justification:** "Act as a CTE director. Write a strong justification for a Perkins grant application to purchase a new [piece of industry-standard equipment, e.g., a plasma cutter, a set of virtual reality headsets]. The justification must connect the purchase to improving student skills, aligning with local workforce needs, and increasing post-secondary success."
- **Program Marketing:** "Generate talking points for me to use during a high school open house to 'sell' my CTE program ([e.g., Mechatronics]) to prospective 8th-grade students and their parents. The talking points should be exciting and focus on hands-on projects, career opportunities, and potential industry certifications."



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Agriculture, Food, and Natural Resources

Lesson Planning & Curriculum Development

- "Create a week-long lesson plan for a 9th-grade Fundamentals of Agriscience class on the 'three-circle model' of agricultural education (Classroom/Lab, FFA, and SAE). The plan should include daily learning objectives, engaging bell-ringer activities, hands-on lab ideas, and formative assessments for each day."
- "Develop a project-based learning unit for an Advanced Agriscience course where students design an appropriate animal handling facility for cattle. The project must incorporate standards related to animal welfare, facility types, and construction of fencing. "
- "I need to teach the basics of soil science in my 8th-grade Pre-Agriscience class. Generate three different hands-on lab activities that help students understand soil layers, texture, and how to measure pH. Ensure the activities use simple, low-cost materials."
- "Outline a lesson for a Forestry class that teaches students how to use a Biltmore stick and a clinometer to measure tree diameter and height. Include a step-by-step guide for the teacher and a simple data collection sheet for students."

Differentiated Instruction & Student Support

- "Adapt the Agricultural Welding I lesson on identifying weld imperfections for three different student groups: 1) students who are struggling with the concept, 2) students who are on grade level, and 3) students who need an advanced challenge. Provide a specific activity for each group."
- "I have a student with dysgraphia in my Horticulture Science class. Suggest three alternative ways they can demonstrate their understanding of plant parts and their functions without relying heavily on writing."

- "Create a vocabulary list with student-friendly definitions and images for key terms in the Introduction to Veterinary Science course, such as 'zoonotic disease,' 'biosecurity,' and 'anatomy.' Target a 9th-grade reading level."
- "Generate a choice board with nine activities for the Environmental Management unit on natural resources. The activities should appeal to different learning styles (visual, kinesthetic, auditory) and cover topics like water conservation, soil management, and fossil fuels."

Content & Resource Generation

- "Create a scenario-based worksheet for the Agricultural Industrial Maintenance course. The scenario should describe a problem with a piece of equipment, and students must use troubleshooting techniques to identify the potential issue related to hydraulics, pneumatics, or basic electrical circuits."
- "Develop a slide presentation for a Poultry Science class that explains the concept of vertical integration in the poultry industry. The presentation should include speaker notes and visuals to explain the roles of producers and processors."
- "Write a short, engaging article for students on the history of the National FFA Organization, highlighting key milestones and its impact on American agriculture. The tone should be inspiring and encouraging for new members."
- "Generate a list of 15 potential Supervised Agricultural Experience (SAE) project ideas that would be suitable for students in [my state]. Categorize them by pathway (e.g., Animal Science, Plant Science, Industrial Ag) and SAE type (e.g., Entrepreneurship, Placement, Research)."

Assessment & Feedback

- "Design a rubric to assess the Career Pathway Project in Agriculture, Food, and Natural Resources. The rubric should evaluate the student's project proposal, research report, oral presentation, and final portfolio."
- "Create a 15-question multiple-choice quiz for the Fundamentals of Agriscience course covering the content standard 'Identify characteristics of common breeds of livestock including cattle, swine, sheep, equine animals, and poultry.' Include an answer key."
- "A student in my Agriculture Marketing and Management class submitted a marketing plan for a local farmer's market. The plan is missing details on target audience and budget. Provide two constructive 'I notice...' and 'I wonder...' statements to guide the student's revision."
- "Generate five short-answer exam questions for the Food Safety and Microbiology course that require students to apply the principles of a Hazard Analysis and Critical Control Point (HACCP) plan. "

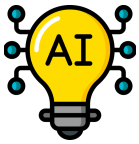
Lab Safety & Management

- "Create a comprehensive safety contract for students to sign before using the Agricultural Mechanics lab. It should cover rules for personal protective equipment (PPE), hand tools, power tools, and behavior in the shop. This reflects foundational safety standards required in all AFNR courses."
- "Generate a step-by-step lab procedure sheet for the Greenhouse and Nursery Production class on taking softwood cuttings for asexual propagation. Include a list of required materials and safety precautions."
- "Develop a plan for organizing the tool room in an agricultural mechanics shop. The plan should group tools by function (e.g., woodworking, metalworking, electrical) and include a checkout system to ensure accountability."
- "Write a safety protocol for a
- Wildland Firefighting and Controlled Fire class on the proper use and maintenance of a drip torch and a backpack pump."

FFA, Communication, & Professionalism

- "Draft an email to parents explaining the benefits of their child participating in an SAE project. Highlight how it develops responsibility, financial literacy, and career skills, as described in the 'three-circle model.'"
- "Our FFA chapter needs to create a Program of Activities (POA) for the school year. Generate a list of potential committee ideas and activities for each, focusing on student development, chapter development, and community development."
- "Write a script for a 2-minute speech a student could give at a local civic club meeting about the importance of agricultural education and the positive impact of our school's FFA chapter."
- "I need to prepare for a meeting with my advisory council. Generate a list of talking points and questions to facilitate a discussion about aligning our curriculum with local industry needs and creating work-based learning opportunities for students."

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Architecture and Construction

Lesson Planning & Curriculum Development

- "Create a 5-day lesson plan for the Architecture and Construction Foundations course focused on interpreting construction drawings. The plan should align with standards for [my state] and include daily objectives, a bell-ringer about architectural symbols, a hands-on activity using a real blueprint, and a short quiz for the final day."
- "Develop a project-based learning unit for a Residential Building class where students must frame a wall with a window and door opening. The project must cover floor systems, wall layout, and bracing, and should culminate in a group presentation of their finished work."
- "I need to teach Ohm's Law in my Electrical Fundamentals class. Generate three different ways to explain the relationship between voltage, current, and resistance: one with a simple analogy (like water in a hose), one with a diagram, and one with a hands-on lab activity using multimeters and resistors."
- "Outline a lesson for a Wood Technology: Two-Dimensional Design course that teaches students how to calculate the correct speeds and feeds for a CNC routing operation using the proper formulas."

Differentiated Instruction & Student Support

- "Adapt the Cabinetmaking Finishing lesson on sanding and applying sealers for three different learning levels: 1) a simplified checklist for students needing extra support, 2) the standard procedure for grade-level students, and 3) an advanced task involving color-matching stains for enrichment."
- "Create a visual vocabulary guide for the Masonry: Mortar, Materials, and Installation course. Include images and simple definitions for terms like 'portland cement,' 'head and bed joints,' 'plumb bob,' and 'mason's rule.'"

- "I have a student who struggles with multi-step written instructions. Generate a step-by-step visual guide with minimal text for setting up, lighting, and shutting down oxy-fuel equipment for the Welding: SMAW I course."

Content & Resource Generation

- "Create a worksheet for the Architectural Design Fundamentals course where students must identify the different line types (object, hidden, center, etc.) and common architectural symbols on a sample floor plan."
- "Develop a slide presentation for an HVAC Fundamentals class that explains the mechanical refrigeration cycle. Include clear diagrams, speaker notes, and a summary of how the process relates to both sensible and latent heat."
- "Write a detailed project guide for the Career Pathway Project in Architecture and Construction. The guide should walk students through the five key components: Project Proposal, Research, Project Report, Presentation, and Portfolio."

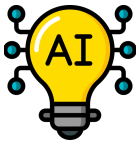
Assessment & Feedback

- "Design a performance assessment rubric for the Utility Line Worker course. The task is to 'inspect a wooden pole for defects prior to climbing.' The rubric should evaluate the student's ability to identify hazards, their systematic inspection process, and their verbal explanation of their findings."
- "Create a 20-question quiz for the Construction Building Systems course covering the National Electrical Code (NEC) requirements for residential services, including grounding, branch circuits, and GFCI installation."
- "A student's drawing in my Technical Design Communications I class has incorrect dimensions. Provide two examples of constructive feedback statements that will help the student correct their work without feeling discouraged."
- "Create a 10-question multiple-choice quiz for the 'Electrical Fundamentals' course. The quiz should cover Ohm's Law, Kirchhoff's current and voltage laws, and the difference between series and parallel circuits. Include an answer key with explanations for each correct answer."
- "Develop a detailed rubric to evaluate students' performance in the 'Masonry: Mortar, Materials, and Installation' course. The task is 'Lay brick and block to a marked vertical line.' The rubric should assess accuracy, joint consistency, safety procedures, and proper tool use, with criteria for 'Exemplary,' 'Proficient,' 'Developing,' and 'Needs Improvement' performance levels."
- "Give me five different 'exit ticket' prompts for the 'Carpentry: Commercial Framing and Layout' class after a lesson on installing insulation. The prompts should quickly assess student understanding of R-values, moisture barriers, and safety concerns."

Lab Safety & Management

- "Generate a comprehensive lab safety plan for a high school carpentry shop. The plan must include sections on PPE, the safe use of power tools like table saws and miter saws, material handling, and an emergency action plan. This should align with the foundational safety standards for all Architecture and Construction courses."
- "Create a 'Job Safety Analysis' (JSA) form for students in the Industrial Carpentry class to complete before performing a rigging operation. The form should prompt them to identify potential hazards, list preventative measures, and confirm the required PPE.

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Arts, A-V Technology, and Communications

Lesson Planning & Content Generation

- For Media Production Foundations: "Create a 50-minute lesson plan for a 9th-grade 'Media Production Foundations' class on the 'Properties of Digital Media.' The lesson should cover the differences between raster and vector graphics, common file types (JPEG, PNG, MP4, MP3), and the concept of resolution (480p, 1080p, 4k). Include a bell-ringer, a simple analogy to explain raster vs. vector, and a short activity where students identify the best file type for different scenarios (a website logo, a printable photo, a podcast)."
- For Advertising and Graphic Design I: "Explain the principles of design (contrast, repetition, alignment, proximity) in a way that's easy for high school students to understand. Provide three real-world examples of advertisements for each principle, explaining how it is used effectively."
- For Animation I: "Generate a script for a 5-minute educational video explaining three of the '12 Principles of Animation': Squash and Stretch, Anticipation, and Staging. The script should be engaging and include suggestions for simple visual animations to illustrate each concept."
- For Drone Licensure and Fundamentals: "Break down the different airspace classifications (Class B, C, D, E, G) as defined by the FAA. Create a simple chart that outlines the characteristics, requirements, and where to find information for each, suitable for students preparing for the Part 107c license."
- For Technical Theatre I: "Provide a list of 10 key vocabulary terms related to stage lighting, including 'gobo,' 'fresnel,' 'ellipsoidal,' 'cyc lights,' and 'key light.' For each term, provide a simple definition and explain its primary function in a theatrical production."

Student Projects & Activities

- For Introduction to Arts, A/V Technology, and Communications (Middle School): "Design a one-week project for a 7th-grade class where students create a 30-second video that tells a simple story, like 'a day in the life of a library book.' The project should require them to apply principles of framing, basic editing, and finding royalty-free background music. List the daily steps and a simple checklist for students to follow."
- For Film Production II: "Generate 5 unique film project prompts for advanced students. Each prompt should be based on a different film genre (e.g., Horror, Sci-Fi, Documentary) and include a specific creative constraint, such as 'must be shot entirely from a low angle' or 'must tell a story with no spoken dialogue.'"
- For Photography III: "Create a detailed project assignment where students must develop a professional-quality photo portfolio with a specific theme, such as 'Urban Decay' or 'Symmetry in Nature.' The assignment should require a written artist statement and an in-class presentation. Also, provide a list of 5 potential niche photography markets they could target with this portfolio (e.g., real estate, fashion, photojournalism)."
- For Broadcasting Production II: "Develop a scenario for a project where students must produce a 3-minute news package. The scenario is: 'A local farmer's market is celebrating its 10th anniversary.' The project must include an on-camera reporter intro/outro, at least two interviews (SOTs), and supporting B-roll footage. Provide a checklist of required elements."
- For Animation III: "Outline a collaborative project for a 'Game Development' unit. Students will work in teams to create a Game Design Document (GDD) for a new mobile game. Generate a template for the GDD that includes sections for Concept, Story, Gameplay Mechanics, Art Style, and Target Audience."

Assessments & Rubrics

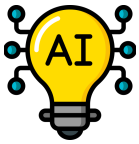
- For Advertising and Graphic Design II: "Create a project rubric to evaluate a student-designed corporate logo. The rubric should have 4 criteria: Originality, Clarity & Simplicity, Relevance to the Brand, and Versatility (how it looks in black & white, small/large sizes). Use a 4-point scale (Exemplary, Proficient, Developing, Beginning) and provide clear descriptors for each level."
- For Digital File Prep for Printing: "Generate a 10-question multiple-choice quiz on preparing digital files for printing. Questions should cover color modes (CMYK vs. RGB), resolution (PPI), bleed and trim marks, and common preflight issues."
- For Audio Production I: "Develop a performance-based assessment for an 'Intro to Audio Production' class. The task is to record a 30-second voice-over. Describe the setup and create a checklist to assess the final product's quality, focusing on clarity, consistent volume levels, and absence of background noise and plosives."
- For Photography I: "Create an exit ticket with 3 short-answer questions to assess student understanding after a lesson on the Exposure Triangle. The questions should ask students to explain the function of Aperture, Shutter Speed, and ISO."

- For any course: "Create a peer critique worksheet for students to use when evaluating each other's projects. The worksheet should include sentence starters to encourage constructive feedback, such as 'One thing that worked really well was...' and 'A suggestion for improvement might be to...'"

Ethical & Legal Discussions

- For Animation I: "Generate a class discussion prompt about the ethical use of AI in animation. The prompt should present a scenario: 'An animator uses an AI tool to generate character designs and background art for a commercial project without disclosing it to the client.' List 5 thought-provoking questions to guide the discussion, covering topics like copyright, creative integrity, and professional transparency."
- For Photography II: "Create a short case study based on a real or fictional legal case involving photography and the First Amendment or the expectation of privacy. After the case study, provide three discussion questions for students to debate."
- For Broadcasting Production I: "Develop a role-playing activity about journalistic ethics. Assign students roles (reporter, editor, source, subject) and give them a scenario involving a potentially biased story. The goal is for them to debate how to cover the story fairly and ethically, referencing the '4 Cs' of broadcast writing."
- For Media Production Foundations: "Explain the difference between 'copyrighted,' 'public domain,' and 'Creative Commons' in simple terms for a high school audience. Provide a list of 3 reputable websites where students can find royalty-free music, images, and video clips for their projects."

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Business Management and Administration

Lesson Planning & Curriculum Development

- "Create a detailed lesson plan for a 7th-grade Business Skills Development class on the topic of 'Business Communication and Etiquette.' The lesson should be 45 minutes long and include a learning objective, a bell-ringer activity, a main activity, and a brief assessment."
- "I need to integrate the FBLA (Future Business Leaders of America) foundational standards into my Business Software Applications I course. Suggest three specific activities where students can practice leadership and teamwork skills while learning about spreadsheets and word processing."
- "Generate three distinct learning objectives for a high school lesson on 'Contracts' as part of the Business and Legal Concepts course. The objectives should address the different classes of contracts, the concept of consideration, and how to analyze a court case related to contract law."
- "Brainstorm a project-based learning unit for the Entrepreneurship course. The final product should be a comprehensive business plan. Outline the key deliverables, a timeline, and how you would integrate topics like marketing, finance, and legal issues."

Content Creation & Differentiation

- "Explain the difference between the LIFO (Last-In, First-Out) and FIFO (First-In, First-Out) inventory valuation methods as you would to a 10th-grade student in Business and Consumer Mathematics. Provide a simple, memorable example for each."
- "Write a short and engaging case study for a Business Ethics lesson. The scenario should present a manager with an ethical dilemma involving social responsibility to the community. Conclude with 3-4 discussion questions for students."

- "I am teaching Web Development to high school students. Create a simple, real-world analogy to explain the relationship between HTML, CSS, and JavaScript in building a website."
- "Generate a list of 10 key vocabulary words for the Human Resource Management course, covering topics like recruitment, compensation, and labor relations. For each word, provide a student-friendly definition and a sentence using it in context."
- "For my Business Software Applications II class, I have a complex assignment on using pivot tables in spreadsheets. Can you create a simplified, step-by-step tutorial for students who are struggling with the concept? Also, suggest a challenge activity for advanced learners."

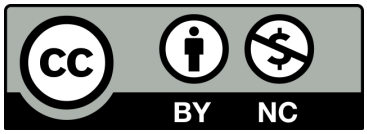
Assessment & Feedback

- "Generate a 10-question multiple-choice quiz for the Customer Service and Sales course. The questions should cover handling customer inquiries and complaints, conflict resolution techniques, and the importance of follow-up after a sale."
- "Create a detailed rubric for a multimedia presentation in the Digital Media Design course. The criteria should assess design elements (like color and typography), use of software tools, and overall creativity and communication of a message."
- "A student in my Entrepreneurship class submitted a business plan where the financial section is weak. The plan needs a clearer breakdown of fixed vs. variable costs and a more realistic cash flow statement. Provide three examples of constructive, specific feedback comments I could give the student."
- "Develop five short-answer questions for a test on the Foundations of Business Leadership course. The questions should ask students to compare and contrast leadership styles and explain the primary functions of management."

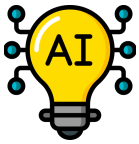
Engagement & Real-World Connections

- "Design a role-playing scenario for my Customer Service and Sales class. The scenario involves an upset customer returning a faulty product. The goal is for the student playing the employee to practice active listening, empathy, and conflict resolution."
- "My Project Management class is learning about scope management and creating a Work Breakdown Structure (WBS). Give me a fun, relatable class project they could plan, such as a school dance or a charity car wash, and outline the first few levels of a WBS for that project."
- "List five potential job-shadowing opportunities or guest speakers for students in the Computer Game and Simulation Programming course. For each, describe the professional's role and what students could learn from them about the game design production cycle."

- "Create a 'Shark Tank' style pitch assignment for my Entrepreneurship class. Provide a clear set of instructions for the students, including the required components of their pitch (e.g., problem, solution, target market, financial ask)."
- "I need a research activity for my International Business Concepts class. Ask students to choose a popular American company and investigate the ethical and logistical challenges it faced when expanding into a specific foreign country."



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Education and Training

Lesson Planning & Curriculum Development

- "Create a project-based learning unit for the Foundations in Education course where students research a major developmental theorist like Piaget, Vygotsky, or Maslow. The final project should be a presentation where they explain the theory and design a learning activity for a specific age group that applies its principles."
- "Develop a 5-day lesson plan for the Methods in Education course on the 'Foundations of Literacy and Numeracy.' The plan should introduce research-based concepts like the Science of Reading and the use of math manipulatives. Include activities where students create their own anchor charts and text-dependent questions."
- "I need to teach about creating a safe and healthy learning environment in my Early Childhood Education class. Generate a lesson plan that covers classroom safety procedures, emergency drills, and planning nutritious, age-appropriate snacks for young children."
- "Outline a lesson for the Careers in Education course that compares and contrasts the roles and certification requirements for various non-teaching education professionals, such as a library media specialist, a technology coach, and a speech pathologist."
- "I am teaching the 'Foundations in Education' course to 10th-grade students. Generate three project-based learning ideas that explore historical events in American education, such as Brown v. Board of Education and Title IX."
- "Create a 5-day unit outline for the 'Early Childhood Education' course covering the nutritional needs of young children, including planning age-appropriate snacks and considering allergies."
- "Provide me with five engaging opening activities (bell ringers) for a 'Methods in Education' class that introduce concepts of literacy and numeracy instruction."

Differentiated Instruction & Student Support

- "My Practices in Education students need to understand differentiated instruction. Generate a case study of a diverse 5th-grade classroom that includes students with different learning styles and needs. Then, create a task where my students must modify a standard lesson plan on the American Revolution to meet the needs of all learners in the case study."
- "Create a visual guide for the Early Childhood Education course that explains the different types of developmental delays (speech, cognitive, social, motor skill) and lists strategies to address them."
- "Generate a choice board with nine activities for the Foundations in Education course unit on classroom culture. The activities should allow students to explore topics like classroom layout, management procedures, and learning styles in ways that appeal to their own diverse learning preferences."
- "I have a mixed-ability class for 'Practices in Education.' Suggest three ways to differentiate a lesson on creating instructional resources like graphic organizers and anchor charts to meet the needs of diverse learners."
- "Provide strategies for modifying a lesson on child development theories (Piaget, Vygotsky, Erikson) for English language learners in my 'Foundations in Education' course."
- "Generate a list of enrichment activities for advanced students in the 'Early Childhood Education' course who have quickly grasped the concepts of designing a preschool classroom layout."

Content & Resource Generation

- "Create a template for a developmentally appropriate lesson plan that my Early Childhood Education students can use. The template should include sections for learning objectives, materials, procedures, modifications for diverse learners, and assessment."
- "Generate a comprehensive checklist for my Education and Training Internship students to use when observing their cooperating teacher. The checklist should prompt them to identify and reflect on classroom procedures, instructional strategies, and classroom management techniques."
- "Develop a slide presentation for a Communication for Leaders class explaining the legal and ethical importance of confidentiality under FERPA and the procedures for mandatory reporting of child abuse or neglect."

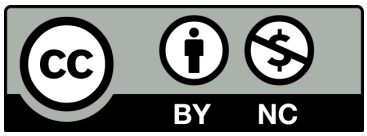
Scenarios and Case Studies

- "Write three short case studies for my 'Practices in Education' class where students must apply the Core Teaching Standards for [my state] to solve a classroom dilemma."

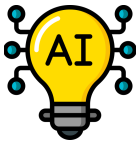
- "Develop a role-playing scenario for the 'Communication for Leaders' course where students practice a parent-teacher conference using the 'sandwich approach'."
- "Create a scenario for an 'Education and Training Internship' student where they have to handle a disagreement with their cooperating teacher professionally. Ask them to write a reflection on how they would resolve it."
- "Create three short scenarios for my Foundations in Education class that present potential violations of the Educator Code of Ethics for [my state]. For each scenario, ask students to identify the ethical misstep and propose a professional course of action."

Quizzes and Assessments

- "Design a rubric for my Practices in Education students to use for peer-evaluating a micro-teaching demonstration. The rubric's criteria should be based on the Core Teaching Standards for [my state] and assess planning, instruction, and reflection."
- "Create a rubric to evaluate a student's multimedia presentation summarizing their job shadowing experience in the 'Careers in Education' course."
- "Design a project for the 'Early Childhood Education' course where students must create a portfolio of developmentally appropriate activities for preschoolers. The project should include a rubric for assessment."



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Finance

Lesson Planning & Content Generation

Generating Scenarios and Case Studies:

- "I'm teaching 'Personal Finance' to high school sophomores. Generate five short, relatable case studies about teenagers making financial decisions. Each case study should highlight a different concept: one on budgeting for a first car, one on the risks of payday loans, one on comparing savings accounts, one on the impact of a part-time job on taxes, and one on identity theft through social media."
- "For my 'Entrepreneurship' class, create a detailed business case study for a fictional startup. Include the company's mission, a SWOT analysis, initial funding challenges, and a key ethical dilemma the founder faces."
- "Develop a role-playing scenario for my 'Business Communications' class where students have to resolve a workplace conflict between two employees with different communication styles. Provide background for each character and the situation."

Developing Explanations and Analogies:

- "Explain the difference between LIFO and FIFO inventory methods for my 'Advanced Accounting' students. Use a simple analogy involving a grocery store to make the concept easier to understand."
- "I need to explain the concept of 'risk management' as it applies to commercial insurance for my 'Insurance II' class. Generate three different analogies a student could easily grasp."
- "Describe the role of the Federal Reserve System in the U.S. economy for a 'Economics and Financial Services' course. Write it as a script for a 3-minute explainer video."

Creating Project-Based Learning Ideas:

- "I'm looking for a semester-long project for my 'Business Finance' class. Brainstorm three project ideas where students have to create and manage a comprehensive business plan for a local small business. Outline the key deliverables for each project, such as financial statements, marketing plans, and funding proposals."
- "Design a project for my 'Data Analytics' class where students have to analyze a provided dataset of customer transactions to identify sales patterns and present their findings using data visualization tools. What kind of dataset would I need?"
- "My 'Career Explorations' middle school class is learning about the 16 Career Clusters. Generate a project where students research a career in the 'Finance' cluster and create a 'day-in-the-life' presentation that includes educational requirements, salary expectations, and necessary workplace skills."

Assessment & Differentiation

Generating Questions:

- "Create a 10-question multiple-choice quiz for a high school 'Accounting' class covering the accounting cycle for a service business. Include an answer key with explanations for each correct answer."
- "Generate five open-ended discussion questions for my 'Global Financial Markets' class about the impact of a major world event (like a pandemic or political conflict) on international trade and currency exchange rates."
- "Develop a list of exit ticket questions for a 'Personal Finance' lesson on credit scores. The questions should check for understanding of what factors positively and negatively affect a credit score."

Differentiating Instruction:

- "I have a student in my 'Business Software Applications I' class who struggles with reading comprehension. Take this article about the ethical use of social media for business and rewrite it at a 7th-grade reading level. Also, create a bulleted list of the main ideas."
- "Provide three different ways a student in 'Entrepreneurship' could demonstrate their understanding of a business plan. One option should be a traditional written report, another a slide presentation, and a third, more creative option for artistic students."
- "For my 'Business Skills Development' middle school course, provide sentence starters to help students write a resume and a cover letter for the first time."

Creating Rubrics:

- "Create a detailed rubric for a multimedia presentation in my 'Digital Media Skills Development' class. The rubric should assess content accuracy, design, use of multimedia elements (video, audio), and oral presentation skills."

- "Develop a rubric to evaluate the 'Career Pathway Project in Finance.' It should include criteria for the research paper, the final product/process, the portfolio, and the oral presentation."

Engagement & Classroom Management

Designing Activities:

- "Suggest a fun, interactive game to help my 'Personal Finance' students learn the difference between 'wants' and 'needs'."
- "I want to start my 'Introduction to Programming' class with a 5-minute warm-up activity (a bell ringer) each day for a week. Generate five different warm-ups related to basic programming logic, such as sequencing and conditionals."
- "Design a debate for my 'Business Ethics' students. The topic is: 'Should businesses prioritize profits over social responsibility?' Provide arguments for both sides."

Classroom Communication:

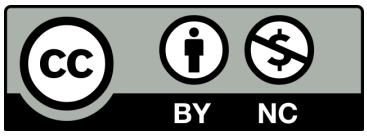
- "Draft a professional email to parents outlining the curriculum for the upcoming semester in 'Business Finance'. Emphasize the practical, real-world skills students will be learning. Mention the importance of the co-curricular student organization, FBLA."
- "Write a script for a 1-minute recruitment video for the 'Exploring Business Management and Administration, Finance, and Marketing Clusters' course, aimed at incoming 6th graders."
- Career & Professional Development These prompts support teachers in guiding students toward future careers and in their own professional growth.

Exploring Careers:

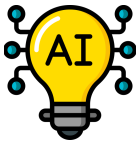
- "Create a list of potential guest speakers for an 'Accounting' class in [location]. For each suggestion, provide the person's likely job title (e.g., CPA, Forensic Accountant, Corporate Controller) and a brief description of what they could talk about."
- "My students are creating a career plan. What are some key steps and resources they should include when researching high-demand finance jobs in [my state]?"
- "Generate a list of interview questions that a student could ask a financial advisor during a job shadowing day."

Connecting with Industry:

- "Draft a proposal for a partnership between my high school's 'Finance' program and a local bank. The proposal should outline benefits for both the students (e.g., internships, mentorship) and the bank (e.g., community involvement, identifying future talent)."
- "What are some current trends in financial technology (FinTech) that I should be aware of and potentially incorporate into my 'Fundamentals of Financial Management' course?"



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Health Science

Lesson Planning and Content Development

- "I'm teaching the 'Foundations of Health Science' course to 9th graders. Generate a 5-day lesson plan on the topic of infection control, covering the chain of infection, standard precautions, and transmission-based precautions. Include a hands-on activity for each day."
- "Create a detailed lesson plan for a 'Medical Terminology' class on cardiovascular system terminology. The plan should include a warm-up activity, a list of 15 key terms with definitions, a small group activity for practice, and an exit ticket to assess understanding."
- "Develop a lesson for a 'Human Body Structures and Functions' class that explains the sliding filament theory of muscle contraction. Break down the steps in a way that is easy for high school students to understand and suggest a simple analogy I can use."
- "Generate a project-based learning scenario for my 'Biotechnology I' students. The project should require them to research the Human Genome Project and present on its ethical, legal, and social implications. Provide a project outline and a grading rubric."
- "I need some ideas for my 'Sports Medicine I' class. Provide three engaging, hands-on activities to teach the assessment and evaluation of common athletic injuries."
- "Create a simplified explanation of pharmacokinetics (absorption, distribution, metabolism, and excretion) suitable for students in a 'Pharmacy Technician' course. Include a visual analogy for each step."
- "For my 'Health Science Discovery' middle school course, design an introductory lesson on the five health science career pathways (therapeutic services, diagnostic services, etc.). Include an interactive 'career matching' quiz for the students."

Assessment and Review

- "Generate a 20-question multiple-choice quiz for the 'Human Body Structures and Functions' course covering the integumentary and skeletal systems."
- "Create five short-answer questions for a 'Foundations of Health Science' test that assess students' understanding of HIPAA and patient confidentiality."
- "Develop a case study for my 'Patient Care Technician' students. The case study should involve a patient with diabetes and hypertension. Include three questions that require students to apply their knowledge of patient care skills."
- "Create a study guide for my 'Emergency Medical Services' class that covers the key differences in the roles of EMS, firefighters, and law enforcement at an emergency scene."
- "Generate a review game, like a Jeopardy or Kahoot! template, for my 'Medical Mathematics' class. The topics should include dosage calculations and metric system conversions."
- "Create a performance-based assessment for the 'Nurse Aide Training' course where students must demonstrate the correct procedure for assisting a resident with eating and hydration. Provide a checklist of required steps for me to use during the evaluation."

Differentiation and Student Support

- "I have a student in my 'Biotechnology I' class who struggles with abstract concepts. Provide three different ways to explain DNA replication, one using a physical model, one using a simple analogy, and one using a step-by-step diagram."
- "Create a vocabulary list with simplified definitions and images for the digestive system unit in the 'Human Body Structures and Functions' course for my English language learners."
- "Suggest three extension activities for gifted students in my 'Sports Medicine II' class who have mastered the content on musculoskeletal injuries. The activities should involve independent research or problem-solving."
- "Adapt this case study on a patient experiencing a myocardial infarction for students with lower reading levels. Simplify the vocabulary and shorten the sentences without losing the essential clinical information."

Career Exploration and Employability Skills

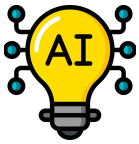
- "Generate a list of five potential guest speakers for my 'Health Science' program. For each speaker, suggest a relevant career (e.g., physical therapist, registered nurse, radiologic technologist), the topics they could discuss, and three sample questions students could ask them."
- "Create a role-playing scenario for my 'Foundations of Health Science' students to practice effective communication and teamwork. The scenario should involve a healthcare team discussing a patient's plan of care."

- "Develop a sample resume for a high school student who has completed the 'Nurse Aide Training' course and is applying for a position as a Certified Nurse Aide (CNA). Highlight relevant skills and clinical experience."
- "Generate a list of 10 behavioral interview questions that a student might encounter when applying for a Health Science internship. Include tips on how to answer each question effectively."
- "Create a project where 'Pharmacy Technician' students research the day-to-day responsibilities and challenges of a community pharmacy technician versus a hospital pharmacy technician."

Professional and Administrative

- "I am the advisor for our school's HOSA-Future Health Professionals chapter. Generate a list of five engaging chapter activities or community service projects that align with the HOSA mission."
- "Draft a letter to parents explaining the 'Health Science Internship' program. The letter should outline the benefits of the program, the expectations for students, and the types of clinical settings they might experience."
- "Summarize the key safety requirements for a high school biotechnology lab, based on standard laboratory practices. Create a student safety contract that I can have my students sign."
- "Provide me with three current, credible sources (e.g., professional journals, government websites) on the topic of advancements in telehealth technology that I can use for my own professional development."

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Hospitality and Tourism

General & Foundational Prompts

- "Generate a 5-day lesson plan for the 'Introduction to Hospitality and Tourism' course, focusing on the four main programs: Food and Beverage Services, Travel and Tourism, Lodging, and Sports, Recreation, and Attractions. The plan should include an engaging opening activity, a main instructional component, and a closing assessment for each day."
- "Create a project-based learning unit for the 'Introduction to Hospitality and Tourism' course where students explore the economic impact of tourism on a local community in [location]. The project should culminate in a presentation to a mock city council."
- "Develop a list of 10 discussion questions about workplace and employability skills, such as communication, teamwork, and problem-solving, relevant to all Hospitality and Tourism pathways."
- "Provide three ideas for integrating Family, Career and Community Leaders of America (FCCLA) activities into the 'Culinary Arts I' curriculum."

Course-Specific Prompts

- Culinary Arts: "I need to teach 'Culinary Arts I' students about knife safety and classical knife cuts. Create a detailed lesson plan that includes a demonstration script, a student practice activity using play-doh or soft vegetables, and a safety quiz."
- Baking & Pastry Arts: "Design a lab activity for a 'Baking and Pastry Arts' class where students modify a standard cookie recipe to create healthier alternatives by substituting fats and sweeteners."
- Hotel Management: "Generate a role-playing scenario for my 'Hotel, Resort, and Lodging Management I' class. The scenario should involve a front desk agent handling a guest

complaint about room cleanliness. Include prompts for both the student playing the agent and the student playing the guest."

- Travel & Tourism: "Create a project outline for 'Travel and Tourism II' students. The project requires them to develop a complete travel package proposal for a business client, including transportation, lodging, and attractions."
- Sports & Recreation: "Develop a case study for 'Sports, Recreation, and Attractions Management II' about the economic impact of a major sporting event (like the World Games in Birmingham) on the local hospitality industry. Include questions for students to analyze."
- Cultural Foods: "My 'Cultural Foods' class is starting a unit on the foods and cultures of Central and South America. Provide me with a list of five key culinary themes, a sample recipe for each, and talking points about how geography and culture have influenced these cuisines."

Creating Assessments & Assignments

- "Generate a 15-question multiple-choice quiz for the 'Introduction to Hospitality and Tourism' course covering the history of the sports and recreation industries and the different types of lodging properties."
- "Create a rubric for grading the 'Career Pathway Project in Hospitality and Tourism.' The rubric should assess the project proposal, research, written report, and final presentation."
- "Design a practical exam for 'Culinary Arts II' students to assess their skills in advanced food production techniques like smoking, curing, and brining."
- "Write a short-answer test for 'Hotel, Resort, and Lodging Management I' that covers management functions, financial operations, and customer relations skills."
- "Develop a homework assignment for 'Sports, Recreation, and Attractions Management I' where students research and compare the marketing strategies of two different local attractions in [my state]."

Generating Scenarios & Real-World Examples

- "Provide three different real-world scenarios of ethical dilemmas a hotel manager might face. For each, ask students to identify the issue and propose a solution based on professional codes of ethics."
- "My 'Culinary Arts I' class is learning about creating a business plan. Generate a detailed profile of a fictional foodservice establishment (e.g., a food truck in Mobile specializing in fresh seafood). Include target audience, startup costs, and potential marketing challenges."

- "Create a scenario for my 'Travel and Tourism II' students where they act as travel agents who must create an emergency risk management plan for a group of tourists traveling to a destination prone to hurricanes."
- "Describe a situation in a 'Sports, Recreation, and Attractions Management' class where a venue manager has to deal with negative publicity on social media following a concert. Ask students to develop a public relations response."

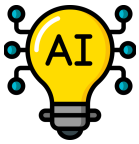
Differentiated Instruction & Student Support

- "I have a student in my 'Baking and Pastry Arts' class who needs an extra challenge. Please create an extension activity related to creating complex, laminated doughs."
- "Simplify the concept of 'RevPAR' (Revenue Per Available Room) for a 'Hotel, Resort, and Lodging Management I' student who is struggling with the financial calculations. Provide a simple analogy and a step-by-step example."
- "Generate a vocabulary list with definitions and images for key terms in the 'Introduction to Hospitality and Tourism' course for English Language Learners. Include terms like 'concierge,' 'itinerary,' and 'venue.'"
- "Create a list of audio and video resources that I can share with students in my 'Cultural Foods' class to help them explore the music, art, and daily life of the regions we are studying."

Professional & Administrative Tasks

- "Draft an email to a local hotel manager requesting a guest speaker for my 'Hotel, Resort, and Lodging Management' class. The email should explain the course objectives and suggest potential topics for the speaker."
- "I need to create a supply order list for the 'Baking and Pastry Arts' course for the upcoming semester. Based on the content standards, generate a comprehensive list of necessary ingredients and small equipment."
- "Compose a letter to parents explaining the importance of the work-based learning component in the Hospitality and Tourism program and outlining the safety procedures that will be followed."
- "Help me brainstorm a list of potential local business partners in [my state] for my program's advisory council. Partners should represent each of the four pathways."

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Human Services

Lesson Planning & Content Creation

- Lesson Plan Generation: "Generate a lesson plan using the 5E model (Engage, Explore, Explain, Elaborate, Evaluate) for a 'Child Development' class. The topic is the influence of heredity and environment on a child's development."
- Engaging Activities: "Give me five creative and engaging 'bell ringer' activities for a 'Fashion Fundamentals' class to introduce the elements and principles of design."
- Simplifying Complex Topics: "Explain the concept of 'protein denaturation' in food science using a simple analogy that a 9th-grade student can understand."
- Content Summaries: "Provide a concise summary of the key responsibilities of a financial planner, a consumer advocate, and an extension agent for a 'Family and Community Services' course."
- Creating Handouts: "Generate a one-page handout for students in 'Consumer Economics' that outlines the pros and cons of renting versus buying a home."

Differentiated Instruction & Scaffolding

- Reading Level Adjustment: "Take the following text about the Consumer Bill of Rights and rewrite it at a 7th-grade reading level. Focus on clear, simple sentences and define any difficult vocabulary." (You would then paste the text).
- Graphic Organizers: "Create a graphic organizer (like a Venn diagram or a T-chart) to help students compare and contrast the characteristics of a job, an occupation, and a career for the 'Careers in Family and Consumer Sciences' middle school course."
- Varied Project Options: "I need three different project ideas for a 'Creative Design and Production' class to demonstrate understanding of product branding. The projects should cater to different learning styles: one visual, one written, and one hands-on."

- Scaffolding Assignments: "Break down the steps for creating a personal budget for a 'Family Financial Planning' course. Provide sentence starters for each section to help students who struggle with writing."
- ELL Support: "Create a vocabulary list for a 'Food and Wellness' lesson on essential nutrients. For each word, provide a simple definition, a sentence, and a translation into Spanish."

Assessment & Feedback

- Rubric Creation: "Develop a 4-point rubric for a 'Home Renovation and Sales' project where students create a renovation plan for a specific property. The rubric should assess the budget, application of design principles, and the justification for their choices."
- Quiz Questions: "Generate a 10-question multiple-choice quiz on kitchen safety and sanitation for a 'Nutrition and Food' course. Include an answer key."
- Feedback Generation: "My student did a good job preparing a snack in our food lab but struggled with cleaning up properly. Give me three examples of specific, constructive feedback I can provide to help them improve their sanitation practices."
- Exit Tickets: "Create three different exit ticket questions for a lesson on the stages of the family life cycle in a 'Human Lifespan Development' course. One question should be recall, one analysis, and one reflective."

Real-World Scenarios & Project-Based Learning

- Client Scenarios: "Generate a realistic client profile for an interior design project. The client is a newly-retired couple downsizing to a two-bedroom condo. They need an accessible design, storage solutions, and a space for hobbies. Include a modest budget."
- Problem-Based Scenarios: "Create a scenario for a 'Family and Community Services' class. A family has just experienced a house fire and lost everything. What are the immediate steps a human services professional would take to connect them with local community resources and support?"
- Role-Playing: "Design a role-playing activity for a 'Child Services' class where students practice communication skills. One student plays a caregiver, and the other plays a parent who is concerned about their child's picky eating habits."
- Business Planning: "Outline the key sections of a business plan for a student in 'Small Business in FCS.' Their business concept is creating and selling custom, repurposed apparel."

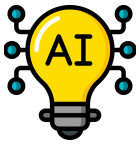
Career Exploration & FCCLA Integration

- Career Profiles: "Create a career profile for a 'Food Scientist.' Include typical job duties, required education or certifications, the average salary range in [my state], and the skills needed to be successful."
- Interview Questions: "Generate a list of 10 potential interview questions that a manager at a childcare facility might ask a candidate applying for a job."
- FCCLA Project Ideas: "My FCCLA chapter wants to do a community service project related to the 'Family Wellness' course. Brainstorm five project ideas that address a local health or wellness issue."
- Meeting Agendas: "Draft an agenda for an FCCLA chapter meeting focused on the theme of 'Financial Fitness.' Include an icebreaker, a short learning activity about saving money, and time for planning a related event."

Administrative & Professional Tasks

- Parent Communication: "Draft a professional email to parents for my 'Child Development' class. The email should introduce the upcoming unit on prenatal development and invite them to share any relevant (and comfortable) family stories or experiences."
- Funding Proposals: "Write a short proposal to my principal requesting funding for a new set of infant care simulators. Justify the purchase by explaining how it supports the 'Child Development' standards, enhances hands-on learning, and prepares students for careers in childcare."
- Advisory Council Updates: "Generate talking points for an upcoming advisory council meeting. The topics should include an update on our new 'Cuisine and Media Production' course, a request for guest speakers in the interior design field, and a summary of our students' recent successes at the FCCLA state conference."

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Information Technology

Lesson Planning & Curriculum Development

Unit & Lesson Ideas

- "I am teaching a 9-week middle school exploratory course called 'Introduction to Cybersecurity' for 7th graders. Based on the topics of computer basics, digital safety, and security fundamentals, generate five ideas for engaging, project-based learning activities."
- "Generate a semester-long pacing guide for a 'Cybersecurity I' high school course. The key topics are Technology Laws & Ethics, Access Controls, Network Foundations, and Security Foundations. The course meets for 50 minutes daily."
- "My 10th-grade 'Information Technology Fundamentals' class is starting a unit on Infrastructure. Suggest three hands-on lab activities that don't require an extensive budget to teach about internal computing components, peripherals, and basic wireless network setup."

Activity & Content Generation

- "Create a one-page scenario for a role-playing exercise in my 'Technology Support and Services' class. The scenario should involve a frustrated customer and a support technician who needs to practice active listening and problem-solving skills to resolve a common software issue."
- "Develop a list of 10 real-world examples of how artificial intelligence is currently being used, suitable for a high school 'Artificial Intelligence' course. For each example, briefly explain the problem it solves, aligning with topics like machine learning and natural language processing."

- "Write a clear, concise explanation of the difference between the OSI model and the TCP/IP model for my 'Network Fundamentals' students. Use an analogy to make the concepts easier to understand."

Differentiated Instruction

- "I have a student in my 'Object-Oriented Programming I' class who is struggling with the concept of 'classes' and 'objects.' Suggest three different ways to explain this concept, including a visual or kinesthetic approach."
- "For my 'Linux Fundamentals' course, create a 'choice board' activity with nine options of varying difficulty. The tasks should relate to system configuration, system management, and security. Ensure there are options for beginners, intermediate learners, and advanced students."

Creating Assessments & Instructional Materials

Quizzes & Tests

- "Generate 10 multiple-choice questions and 3 short-answer questions to assess student understanding of the CIA triad (Confidentiality, Integrity, and Availability) in a 'Cybersecurity I' course."
- "Create a practical, hands-on lab assessment for my 'Computer Maintenance and Troubleshooting' class. The task should require students to diagnose and resolve a common hardware problem, like a 'no display' issue. Provide a grading rubric."
- "Develop a fill-in-the-blank worksheet with an answer key for the 'Foundations of Operating Systems' course, covering key vocabulary related to file systems, system processes, and hardware platforms."

Rubrics & Checklists

- "Create a detailed rubric for a 'Career Pathway Project in Information Technology.' The project requires a formal proposal, independent research, a written report, a multimedia presentation, and a portfolio. The rubric should assess each component."
- "Design a checklist for my 'Introduction to Cybersecurity' students to follow when disassembling and reassembling a computer. The checklist should emphasize safety and the correct handling of internal components like the CPU, RAM, and motherboard."

Study Guides & Handouts

- "Generate a one-page study guide for the 'Information Technology Fundamentals' final exam. The guide should summarize key concepts from Applications and Software, Infrastructure, Database Fundamentals, Security, and Software Development."

- "Create a handout for my 'Object-Oriented Programming II' class that explains the ethical and legal issues related to copyright and fair use when using images, video, and music in software projects."

Presentation & Visuals

- "I need to create a presentation for my 'Cloud and Virtualization Technologies' course. Generate a slide-by-slide outline that explains the differences between public, private, and hybrid cloud deployment models. Suggest simple graphics for each slide."

Classroom Management & Student Engagement

Engagement Strategies

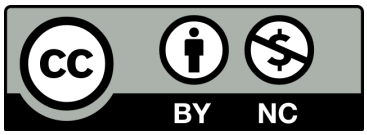
- "My 'Programming Foundations' students seem disengaged. Suggest three gamification strategies I can incorporate into the curriculum to make learning about algorithms and data structures more interactive and fun."
- "Provide five ideas for bell-ringer activities for a 'Network Systems Administration' class. Each activity should take about 5-7 minutes and review a key concept from the previous day's lesson."

CTSO & Leadership

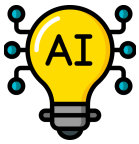
- "My school has a SkillsUSA chapter. Generate a list of five project ideas that would allow my 'Cybersecurity III' students to apply their knowledge of penetration testing and digital forensics in a competitive event."
- "Create a sample recruitment script for a student to use to promote our Technology Student Association (TSA) chapter to middle schoolers. The script should highlight the benefits of joining, such as leadership development and career exploration."

Classroom Scenarios

- "I have a group of students in my 'Programming Design and Development' class who are having trouble collaborating on a group project. Provide me with three strategies to facilitate better teamwork and communication."
- "Generate a script for a class discussion on the ethical implications of social engineering. Include probing questions to encourage critical thinking among students in a 'Computer Maintenance and Troubleshooting' course."



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Law, Public Safety, Corrections, and Security

Lesson Planning & Content Development

- "Generate a 90-minute lesson plan for an Introduction to Public Safety class on the topic 'key concepts of the National Incident Management System (NIMS).' Include learning objectives, a warm-up activity, key vocabulary, a practical application exercise, and 5 formative assessment questions."
- "Create a simplified explanation of the 'Use of Force Continuum' suitable for a 10th-grade Law Enforcement and Corrections class. Include two different scenarios and explain how an officer would apply the continuum in each."
- "Develop a slide presentation outline for the Firefighting I topic 'Fire Behavior.' The outline should cover the stages of fire development , characteristics of flashover, and how this knowledge impacts firefighter safety."
- "I need to teach about the procedural rights guaranteed by the 4th, 5th, 6th, and 8th Amendments in my Introduction to Criminal Justice course. Create a comparison table that lists each amendment, its primary guarantee, a simple definition, and a real-world example of its application in the justice system."
- "List five key teaching points for the Advanced Corrections topic 'methods of combatting contraband in a correctional facility.' For each point, suggest a discussion question to ask the class."

Scenario & Simulation Generation

- "Generate three distinct role-playing scenarios for an Advanced Law Enforcement class to practice 'officer and violator contact.' One should be a routine traffic stop, one a suspicious person call, and one a high-risk felony stop. For each, describe the context and the violator's behavior."

- "Create a detailed, multi-stage scenario for a Fire Science II class based on an incident involving hazardous materials. The scenario should require students to: Identify the material using reference guides, Establish an emergency decontamination site, Select the proper Personal Protective Equipment (PPE). "
- "Write a mock crime scene summary for a Forensic Science and Crime Scene Investigation class. The scene is a residential burglary. Include details about points of entry, items disturbed, and at least four different types of physical evidence left behind (e.g., fingerprints, soil, fibers, tool marks) for students to identify and process."
- "Draft a simulated 'mayday' radio call for a Firefighting I class where a firefighter is trapped. The script should include the necessary information a firefighter must communicate in that situation."
- "Develop a case study for a Fundamentals of Legal Services class involving a breach of contract. The case should describe the parties involved, the terms of the initial agreement, the alleged breach, and the damages sought. Ask students to identify the key legal issues."

Assessment & Review Materials

- "Generate a 10-question multiple-choice quiz with an answer key for the Law Enforcement and Corrections topic '[my state] traffic laws and procedures for conducting traffic stops.'"
- "Create a rubric for evaluating a student's practical demonstration of 'donning and doffing a Self-Contained Breathing Apparatus (SCBA)' in a Firefighting I course."
- "Design a study guide for the Forensic Science unit on 'Blood and Physiological Fluid Evidence.' It should include key vocabulary, concepts like blood typing and DNA analysis, and short-answer review questions."
- "Create a matching worksheet that pairs the foundational workplace skills (e.g., communication, teamwork, time management) with practical examples of how they are used in the Legal Services pathway."
- "Develop three short-answer essay questions for an Advanced Corrections final exam covering the differences between probation and parole , the purpose of the Prison Rape Elimination Act (PREA) , and techniques for controlling inmates to prevent riots."

Differentiated Instruction & Student Support

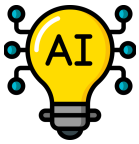
- "Take the concept of 'tactical ventilation' from the Firefighting II course of study and explain it in simpler terms for a student who is struggling with the textbook definition. Provide an analogy to help with understanding."
- "I have a student with a strong interest in cybercrime. Suggest three enrichment activities or research topics related to the Forensic Science content standard 'Analyze basic computer evidence recovery techniques.'"

- "Create a step-by-step checklist for students to follow when completing the Career Pathway Project. The project requires them to write a proposal, conduct research, write a report, and create a presentation."
- "Provide a list of visual aids (videos, infographics, diagrams) I could use to teach the 'structures and functions of the human body' as they relate to emergency medical procedures in an Emergency Services and Management course."

Career Exploration & CTSO Integration

- "Generate a list of interview questions that a student could ask a guest speaker who works as a local police officer, focusing on the ethical and professional responsibilities of the job."
- "My students are competing in a SkillsUSA event related to Crime Scene Investigation. Create a practice scenario and a list of expected tasks they would need to perform, consistent with SkillsUSA competition guidelines."
- "Draft an email to a local fire chief requesting a station tour for my Firefighting I class. The email should introduce our program, reference our study of fire service organization and firefighter safety, and explain how the tour would benefit the students."
- "Create a career profile handout comparing and contrasting the roles of a paralegal and a legal assistant, including typical duties, educational requirements, and career outlook. This is for my Fundamentals of Legal Services class."

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Manufacturing

Lesson Planning & Activity Ideas

- "I am teaching a 10th-grade 'Introduction to Manufacturing' class. The upcoming topic is 'Primary Manufacturing Processes,' specifically casting and molding. Generate a 5-day lesson plan outline that includes a hands-on activity, a safety briefing, and a short quiz."
- "Create a project-based learning activity for an 11th-grade 'Robotics Applications' course. The project should require students to design, construct, and program a robotic system with peripheral devices to solve a common manufacturing challenge, like sorting objects on a conveyor belt."
- "Generate three different bell-ringer activities for a 'Manufacturing I: Safety' class. The topics are personal protective equipment (PPE), fire safety, and tool safety."
- "My 'Computer-Aided Design and Computer-Aided Manufacturing (CAD-CAM) I' an upcoming unit on creating two-dimensional designs. Suggest a mini-project where students design a simple, practical object like a custom keychain or a phone stand using basic CAD functions."
- "For my 'Industrial Maintenance Mechanical I' course, I need a hands-on lab activity related to 'material handling and rigging.' The lab should focus on demonstrating safe lifting techniques and identifying the correct hand signals. Outline the objectives, materials needed, and procedure."

Explaining Complex Concepts

- "Explain the concept of 'Geometric Dimensioning and Tolerancing (GD&T)' as you would to a high school student who is new to drafting. Use an analogy to a common object to help illustrate the importance of tolerances."

- "Create a simplified explanation of how a 'Programmable Logic Controller (PLC)' works in an automated manufacturing system. Compare it to something students are familiar with, like a traffic light system or a smart home device."
- "Describe the difference between 'alternating current (AC)' and 'direct current (DC)' for a 'Direct Current' course. Provide three real-world examples of where each is used in manufacturing."
- "Generate a script for a short instructional video explaining the key differences between various 3D printing (additive manufacturing) technologies, such as Fused Deposition Modeling (FDM) and Stereolithography (SLA)."
- "Summarize the principles of Ohm's Law and create three practice problems for students in an 'Electronics' course to solve. Provide the solutions and step-by-step explanations for the problems."

Developing Real-World Scenarios & Problems

- "Create a realistic workplace scenario for a 'Manufacturing IV: Maintenance' class. The scenario should involve a piece of equipment showing signs of potential failure (e.g., unusual noise, vibration). Students should have to identify the potential problem, consult a maintenance manual (which you can also ask the AI to generate a template for), and recommend a course of action."
- "Generate a troubleshooting problem for a 'Computer Numerical Control (CNC) I' student. The problem should describe a finished part from a CNC mill that doesn't match the blueprint specifications. What are the likely causes related to tool length offsets, workholding, or the G-code program?"
- "Write a scenario for a 'Safety and Health Regulations' class where students must interpret a Material Safety Data Sheet (MSDS) for a common industrial solvent to determine the proper PPE and handling procedures."
- "Create a design challenge for an 'Introduction to Engineering Design' class. The challenge is to 'reverse engineer' a simple household object, create sketches, identify its materials, and propose one improvement to its design."

Creating Assessments & Rubrics

- "Generate a 15-question multiple-choice quiz for the 'Introduction to Precision Machining' course. The quiz should cover blueprint reading, drill press operations, and power saw safety."
- "Create a detailed rubric for evaluating the 'Career Pathway Project in Manufacturing.' The rubric should assess the project proposal, research, the final report, the presentation, and the portfolio."

- "Develop a skills checklist for a practical assessment in the 'Intermediate Drafting Design' course. The checklist should cover the creation of section views, auxiliary views, and pictorial views using CAD software."
- "Write three short-answer essay questions for a final exam in 'Manufacturing II: Quality.' The questions should ask students to compare quality control methods like TQM and Lean Manufacturing, and to explain the importance of statistical process control (SPC)."

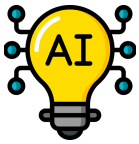
Differentiated Instruction

- "Take this technical explanation of how a 'three-dimensional solid model' is converted to a 'two-dimensional parts drawing' and rewrite it at a 9th-grade reading level. Also, create a version with key vocabulary terms bolded and defined for English Language Learners."
- "I have a student who is struggling with visualizing multiview drawings in my 'Introduction to Drafting Design' class. Suggest three different hands-on or digital strategies I can use to help them understand the concept of orthographic projection."
- "Create a set of tiered assignments for the 'Robotics and Automation' course topic on programming a controller. Tier 1 should be a simple task, Tier 2 a more complex task, and Tier 3 should be an open-ended challenge for advanced learners."

Career Exploration & Industry Connection

- "Generate a list of the top 5 manufacturing companies in [my state] and describe the types of entry-level jobs available that would relate to skills learned in the 'Modern Manufacturing' program. For each job, list two potential interview questions a student might be asked."
- "Create a sample career path for someone starting as an 'Industrial Maintenance E&I Technician.' What are the potential advancement opportunities over 10-15 years?"
- "I need to create a flyer to promote our school's 'Additive Manufacturing' program to 8th graders. Write some exciting and engaging text for the flyer that highlights what students will learn and the cool projects they will do. Mention future career opportunities."
- "Develop a list of potential guest speakers for a Manufacturing CTE program. For each speaker, suggest a topic they could present on that aligns with the curriculum. For example, 'A Quality Control Manager from a local automotive supplier speaking on the importance of ISO 9001 standards.'"

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Marketing

Lesson Planning & Curriculum Development

- "I am teaching a 9th-grade 'Marketing Principles' course. Generate a 5-day lesson plan outline for the topic 'The Promotional Mix' (Advertising, Public Relations, Sales Promotion, and Personal Selling). The lessons should be project-based and interactive."
- "Create a unit plan for the high school course 'Sports and Entertainment Marketing.' The unit should focus on 'Event Sponsorship' and include learning objectives, essential questions, key vocabulary, and ideas for a final project."
- "My middle school 'Career Explorations' class is learning about the 16 Career Clusters. Generate a 45-minute lesson plan to introduce the 'Marketing' and 'Finance' clusters, including a warm-up activity and an exit ticket question."
- "Generate a list of project-based learning ideas for a high school 'Entrepreneurship' course. The projects should require students to develop a business plan and pitch their idea, incorporating concepts like SWOT analysis and market research."
- "For a 'Digital Marketing' course, create a sequence of learning activities that covers content creation, social media marketing, and email marketing."

Content Creation & Differentiation

- "Create a fictional case study about a small, local coffee shop in [my state] that needs help with its digital marketing. The case study should outline its current situation, target audience, and challenges. This will be used in my 'Digital Marketing' class."
- "Explain the 'Four P's of Marketing' (Product, Price, Place, Promotion) using the example of a popular brand like Nike. Then, explain it again using a service-based business, like a local landscaping company."

- "Generate three different real-world examples of businesses successfully using branding. One should be a global brand, one a national brand, and one a small business. For each, briefly explain their branding strategy."
- "I need to explain business ethics to my 'Foundations of Business Leadership' class. Create two short scenarios. In the first, an employee makes an ethical decision. In the second, an employee makes an unethical decision. For each, describe the situation and the potential consequences."
- For Differentiation: "Take the coffee shop case study you generated and simplify the vocabulary and sentence structure for an English Language Learner at an intermediate proficiency level. Also, add a glossary of key marketing terms."

Student Engagement & In-Class Activities

- "Design a role-playing activity for my 'Customer Service and Sales' class. The scenario should involve a difficult customer returning a product without a receipt. Include roles for the customer, the sales associate, and the store manager."
- "Generate a list of 5 controversial debate topics related to the 'Retail and Fashion Marketing' industry. For example, 'Is fast fashion more harmful than helpful?'"
- "Create a script for a short, 2-minute promotional video for a fictional school event. This will be used as an example for my 'Digital Media Skills Development' students."
- "Design a hands-on activity for a 'Business Software Applications' class where students must create a budget for a school club using spreadsheet software. Provide a list of sample income sources and expenses."
- "My 'Hospitality Management and Marketing' students need to understand market segmentation. Create a group activity where students must develop a weekend vacation package for three different target markets in [my state]: families with young children, college students, and retired couples."

Assessment & Feedback

- "Create a 10-question multiple-choice quiz for the 'Advertising and Sales' course on the topic of advertising media. Include an answer key."
- "Develop a rubric for a business plan presentation in my 'Entrepreneurship' class. The rubric should assess content, delivery, visual aids, and the Q&A portion."
- "Generate three short-answer questions for an end-of-unit test on 'Buying and Selling Real Estate,' focusing on contracts and financing."
- "A student submitted a marketing plan that is missing a clear target market analysis. Provide some constructive feedback and two guiding questions I can give the student to help them improve their work."

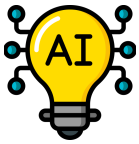
Career & Technical Student Organizations (CTSOs)

- "Generate a DECA role-play scenario for a Principles of Marketing (PEM) event. The scenario should involve an employee at a sporting goods store who needs to explain the benefits of a new running shoe to a customer."
- "Create a practice case study for an FBLA 'Marketing' competitive event. The case should focus on a local restaurant that wants to increase its lunch business. Students should be prompted to develop a comprehensive marketing strategy."
- "Brainstorm a list of 5 potential community service project ideas for our school's DECA chapter that are related to marketing and business."
- "I am an advisor for our FBLA chapter. Draft a short speech I can give at the first meeting of the year to get students excited about joining and competing."

Professional Tasks & Communication

- "Draft a professional email to a local business owner to ask if they would be willing to be a guest speaker for my 'Entrepreneurship' class."
- "Our CTE department needs an agenda for our upcoming Advisory Council meeting. Generate a sample agenda that includes an introduction, a review of our marketing program goals, a discussion of industry trends, and a request for internship opportunities."
- "Write a short paragraph for the school's monthly parent newsletter highlighting a successful project from my 'Sports and Entertainment Marketing' class."
- "I need to create a permission slip for an upcoming field trip to a local advertising agency. List the key information that should be included on the slip."

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STEM

Lesson Planning & Idea Generation

- Generating Course Outlines: "Create a 9-week pacing guide for the 'STEM Technologies I' course for 7th graders, based on the Course of Study for [my state]. Break it down week-by-week with topics, key content standards to cover, and a suggestion for a hands-on activity for each week."
- Brainstorming Hooks: "Give me five creative and engaging hooks to introduce the concept of series and parallel circuits to a 'Applications of Engineering and Technology' class. One hook should be a short demonstration, one a real-world story, and one a puzzling question."
- Developing Project-Based Learning (PBL): "Design a project-based learning (PBL) unit for the 'Foundations of Engineering and Technology' course. The project should challenge students to use the engineering design process to create a solution for a problem on our school campus. The proposal should include a project timeline, learning objectives, a list of potential materials, and ideas for a final presentation."
- Integrating Core Academics: "I'm teaching kinematics in 'Applications of Engineering and Technology.' Suggest three ways to integrate and reinforce Algebra concepts, specifically quadratic equations, into the projectile motion labs."
- Guest Speaker Ideas: "My 'Environmental Engineering' class is studying water security. Generate a list of potential job roles and local organizations (or types of organizations) in [my state] that I could contact for guest speakers on this topic."

Creating Student Activities & Materials

- Worksheet & Handout Creation: "Create a worksheet for a 'STEM Technologies II' class that helps students differentiate between open-loop and closed-loop systems. Include

five real-world examples where students have to identify the system type and explain their reasoning."

- Lab Procedure Development: "Write a clear, step-by-step lab procedure for an 11th-grade 'Applications of Engineering and Technology' class to calculate the mechanical advantage of a lever. Include a materials list, safety precautions, data collection table, and analysis questions."
- Design Briefs: "Write a design brief for a 'Foundations of Engineering and Technology' class. The challenge is to design and build a container that can prevent an egg from breaking when dropped from a height of 15 feet. The brief should list specific criteria and constraints, including a budget of $5 and a list of approved materials."
- Coding Challenges: "Generate five beginner-level programming challenges for a 'Robotic Systems' course. The challenges should require students to use control statement loops and sensors (like a touch or color sensor) to make a robot navigate a simple maze. Provide the challenges in Python."
- Interactive Activities: "Suggest a fun, interactive activity to teach the importance of teamwork and communication in the engineering design process for a 9th-grade class. The activity should require no computers."

Assessment & Feedback

- Rubric Generation: "Create a detailed rubric for the 'Capstone of Engineering and Technology' final project. The rubric should assess the project proposal, the engineering notebook, the final report, the prototype/model, and the presentation. Include criteria for 'Exceeds,' 'Meets,' and 'Approaching' standards."
- Quiz Questions: "Generate 10 multiple-choice quiz questions for the 'Computer Engineering and Technology' course covering the pros and cons of agile versus waterfall software development methodologies. Include an answer key."
- Formative Assessment Ideas: "Give me three quick, low-stakes formative assessment ideas (exit slips) for the 'Robotic Systems' course to check for understanding of gear ratios."
- Providing Feedback: "Here is a student's draft of a project proposal for the 'Career Pathway Project in STEM.' Please provide constructive feedback on its clarity, feasibility, and alignment with the engineering design process. Focus on asking guiding questions to help the student improve it. [Paste student text here]."

Classroom & Lab Management

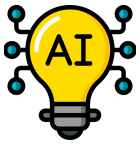
- Lab Safety: "Create a lab safety contract for a high school 'Foundations of Engineering' class. It should cover safe operation of hand tools and basic power tools, use of personal protective equipment (PPE), emergency procedures, and general classroom conduct. Make the tone serious but accessible for teenagers."

- Organizing Materials: "My 'Robotic Systems' class uses VEX V5 kits. Suggest a system for organizing, inventorying, and checking out parts to student teams to minimize lost pieces."
- CTSO Integration: "Provide a list of five intra-curricular activities to connect my 'Applications of Engineering' course content with TSA or SkillsUSA competitive events. For each activity, specify the course standard and the relevant competition."
- Job-Seeking Skills: "Generate a mock interview script for a 12th-grade student who has completed the engineering pathway and is interviewing for an internship at a local manufacturing firm. Create a list of 10 potential questions for the interviewer and provide tips for the student on how to answer."

Differentiation & Accessibility

- Scaffolding Activities: "I have a student in my 'STEM Technologies III' class who struggles with multi-step projects. Provide a scaffolded version of the 'design a solution to alleviate disaster damage' project. Break it down into smaller, more manageable tasks with clear checkpoints."
- Providing Extensions: "For my advanced students in 'Applications of Engineering,' what are some extension activities or more complex problems they could work on related to calculating forces using vectors and free-body diagrams?"
- Explaining Complex Concepts: "Explain the concept of Ohm's Law using a simple analogy that a 10th-grade student who is new to electronics can understand."
- Varied Resources: "For my lesson on digital privacy in 'STEM Technologies III,' create a list of resources at different reading levels. Include a short article, a video, and an infographic that all cover the core concepts of managing a digital footprint."

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Transportation, Distribution and Logistics

Lesson Planning & Curriculum Development

- Generating Lesson Ideas: "I am teaching 'Diesel Technology A' to 10th graders. My next topic is air brake mechanical and foundation systems. Design a 90-minute lesson plan that includes a warm-up activity, a hands-on lab component for inspecting slack adjusters, and an exit ticket to assess understanding."
- Differentiating Instruction: "For my 'Automotive Electrical Components I' course, I have several students who are English Language Learners. Simplify the explanation of how to use a digital multimeter (DMM) to measure voltage drop and resistance. Also, provide a list of key vocabulary terms with simple definitions and visual aids I can create."
- Creating Real-World Scenarios: "My 'Global Logistics and Supply Chain Management' class is learning about Key Performance Indicators (KPIs). Generate a realistic scenario for a distribution center where students are given a data set and must calculate KPIs like 'order accuracy' and 'on-time shipping' to identify performance issues."
- Project-Based Learning: "Develop a project-based learning unit for the 'Drone Technology' course. The project should require students to work in teams to solve a real-world problem, such as conducting environmental mapping of a local park or creating a promotional video for a real estate company. The unit plan should include a timeline, resource list, and assessment rubric covering FAA regulations, flight programming, and data collection."
- Integrating Core Academics: "In my 'Aircraft Theory of Flight and Operations' class, I need to integrate math and science principles. Create three word problems that require students to apply Bernoulli's principles and calculate airfoil lift based on variables like air density and velocity."

Instructional Materials & Resources

- Developing Study Guides: "Create a comprehensive study guide for the 'Automotive Technology Foundations' course. The guide should cover safety , hand tools , preparing a vehicle for service , and the basic components of manual and automatic drive trains."
- Explaining Complex Concepts: "Explain the process of 'weld bonding' as it applies to non-structural automotive repairs. Break down the steps in simple terms appropriate for a high school student and create an analogy to help them remember the concept."
- Generating Case Studies: "Write a short case study for a 'Damage Analysis, Estimating, and Customer Service' class. The scenario should involve a customer who is dissatisfied with a repair estimate. The case study should prompt students to identify the customer's concerns and develop a script for how a service advisor should respond professionally to resolve the issue."
- Creating Visual Aid Content: "I'm creating a poster for the auto shop about safety. List 10 critical safety reminders for students in a 'Structural Analysis and Damage Repair' course, focusing on precautions for high-strength steel and procedures for disabling advanced vehicle systems."
- Finding Resources: "Provide a curated list of 5 reputable websites, interactive simulations, or YouTube channels that I can use as supplementary resources for my 'Flight Navigation' course, specifically for teaching aeronautical chart reading and the effects of weather on flight."

Assessments & Evaluation

- Generating Quiz Questions: "Create a 15-question quiz with an answer key for the 'Commercial Transportation' course. Include 5 multiple-choice, 5 true/false, and 5 short-answer questions covering hours-of-service regulations , pre-trip inspections , and hazardous materials classifications."
- Developing Lab Practicals: "Design a hands-on practical exam for my 'Automotive Brake, Suspension, and Steering Repair II' students. The task should require them to diagnose a specific steering concern (e.g., vehicle wander) , perform a pre-alignment inspection , and measure front-wheel camber and toe."
- Creating Rubrics: "Develop a detailed rubric to assess the 'Career Pathway Project'. The rubric should have criteria for the project proposal, the depth of research, the quality of the written report, and the professionalism of the final presentation, as outlined in the course standards."
- Writing Feedback: "A student submitted a written report on the importance of the '6S production system' for a 'Foundations of Warehousing and Distribution' class. The report is factually correct but lacks depth. Provide three constructive comments and two guiding questions I can give the student to help them improve their analysis."

Safety, Lab Management & CTSOs

- Developing Safety Protocols: "Generate a step-by-step safety protocol for students using the resistance spot welder in the 'Non-Structural Welding, Cutting, and Joining' lab. Emphasize PPE, fire prevention, and protecting vehicle electronics."
- Creating Tool Inventory Lists: "Create a categorized tool and equipment inventory list for a new 'Aviation Technology' program. Base the list on the tools needed to complete tasks in courses like 'Aircraft Electrical Components' and 'Aircraft Sheet Metal Structures'."
- Preparing for SkillsUSA: "My SkillsUSA students are preparing for the Collision Repair Technology competition. Generate five challenging, scenario-based practice tasks that would test their knowledge from the 'Painting and Refinishing II' and 'Structural Analysis and Damage Repair' courses, such as correcting paint defects or performing a three-dimensional measurement of a unibody."

Professional Communication & Administration

- Communicating with Parents: "Draft a welcome letter to parents of students in my 'Automotive Technology' program. The letter should introduce myself, outline the program's goals, explain the importance of safety in the lab, and mention the opportunities available through SkillsUSA."
- Engaging Industry Partners: "Compose a professional email to a local trucking company to inquire about establishing an internship or job shadowing opportunity for a top student in the 'Commercial Transportation' course. Highlight the skills the student has learned, including logbook management and route planning."
- Writing Grant Proposals: "I need to write a proposal for a local education grant to purchase a new drone with thermal imaging capabilities for my 'Drone Technology' program. Outline the key sections of the proposal and write a compelling justification statement explaining how this technology will help students meet course standards related to data collection and prepare them for careers in disaster relief and energy exploration."
- Developing Advisory Council Agendas: "Create a detailed agenda for my program's bi-annual Advisory Council meeting. Include agenda items such as a review of recent student credentialing achievements, a discussion of new technologies in logistics that should be integrated into the curriculum, and a request for feedback on our current work-based learning placements."

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