



An IB Exchange Community event:

Creating engaging and effective IB lessons with artificial intelligence

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Anatomy of a lesson planning prompt

1. **Context Setting:** What background information will guide ChatGPT regarding the context of your school setting? You may want to include information about your IB program, your school mission, and the idiosyncrasies of your parent or school community you find pertinent. This is also the place to include information about the courses you are teaching.
2. **Persona:** Context setting is the general background information. Persona is the voice you wish ChatGPT to take when it creates for you. If you are making materials for yourself, state something akin to, “You are an experienced IBPYP educator, who believes in inquiry and student-centered inquiry. You give clear and succinct guidance to your students.
3. **Task Instructions:** This is where you tell ChatGPT exactly what you need, as specifically as you can, leaving no room for interpretation (unless you are in the brainstorming stage and want to see what it produces). Here is where you will include the course you are teaching, the grade level, and any relevant components you want considered such as which content you are covering, which transdisciplinary theme the lesson is centered in, what ATL skills you would like included, and how long the lesson/topic/unit will take.
4. **Output elements and format:** Do you want the output at a specific reading level? State it here. Would having paragraphs, bullet points, or a list be preferable? Do you need to keep the output text to a certain length? Would you like the task to also include rubrics? Formative and summative assessments? State all that here.
5. **Iterate and refine:** If the first output has components of what you want but doesn’t completely address your needs, keep prompting. Tell ChatGPT what

to keep and what to delete. Ask for a higher or lower level. Need more detail?
Provide an example of what exactly you want and tell it to emulate that

Blank prompt template: Fill in the table below to craft your prompt

1	Set the context
2	Specify the persona
3	Give specific task instructions
4	Define the output content and format
5	Keep prompting and specifying until you get what you need

Notes:

- Try shorter and longer versions (see the examples on the next pages)
- Save what works: I have found asking the output be in “a direct and active voice, no adjectives, and for an 11th grade reading level,” hits a lot of my desired audiences
- Think about the tone and writing style you want; succinct, encouraging, flowery, direct. Specify that too

Program-specific prompt examples

Code Template:

In the context of <context>, as a <persona>, you are tasked with <task instructions>. The expected output should be in <output format>, detailing <output contents>.

1. IB PYP (Primary Years Programme):


css

 Copy code

In the context of IB PYP, as a Grade 2 homeroom teacher, you are tasked with

1. IB MYP (Middle Years Programme):

sql

 Copy code

In the context of IB MYP, as a Year 4 English Language Acquisition teacher,

1. IB DP (Diploma Programme):

css

 Copy code

In the context of IB DP, as a Chemistry HL instructor, you are tasked with p

1. IB CP (Career-related Programme):

css

 Copy code

In the context of IB CP, as a Business Management teacher integrating

 Regenerate

PYP Example and [test ChatGPT](#):

In the context of IB PYP, as a Grade 2 homeroom teacher, you are tasked with creating a lesson that integrates math and arts. The expected output should be in a lesson plan format, detailing activities, resources, and assessment strategies.

MYP Example and [test ChatGPT](#):

In the context of IB MYP, as a Year 4 English Language Acquisition teacher, you are tasked with devising a reading comprehension activity based on global contexts. The expected output should be in a lesson plan format, detailing the chosen texts, comprehension questions, and differentiation strategies.

DP Example and [test ChatGPT](#):

In the context of IB DP, as a Chemistry HL instructor, you are tasked with planning a lab experiment related to organic chemistry. The expected output should be in a lab report format, detailing objectives, materials, procedure, and safety precautions.

CP Example and [test ChatGPT](#):

In the context of IB CP, as a Business Management teacher integrating career-related studies, you are tasked with developing a project where students simulate running a startup company. The expected output should be in a project outline format, detailing roles, objectives, timelines, and assessment rubrics.

Play with detail. Does extra context provide a better output? What about providing examples of what you need? What further iterations got you closer to your needed output?

Scaffolding content delivery for lesson differentiation

We will continue to play with ChatGPT and can also use [Diffit](#) here.

PYP Exhibition Introduction

The PYP Exhibition is the culmination of your PYP journey, serving as a bridge to the next phase of your education. As you embark on this exploration, you'll choose a real-world issue or opportunity, dive into thorough research, and share your findings in a multifaceted presentation. Collaboration is key, and communication skills are paramount. Throughout the process, refer to the IB's assessment rubrics to ensure your project aligns with the expected criteria, emphasizing inquiry, action, and reflection.

MYP Personal Project Introduction

The MYP Personal Project is a significant undertaking, designed to let you immerse yourself in a topic of personal interest. From art to science, the choice is yours. You'll plan, research, and create or enact a product or outcome, all while documenting your journey in a process journal. To guide your efforts and ensure you're on track for success, the IB provides an assessment rubric. This will help you gauge the depth of your inquiry, the quality of your chosen product or outcome, and the reflection you engage in throughout the process.

DP Extended Essay Introduction

The Extended Essay, a hallmark of the DP experience, is an independent research paper that offers a deep dive into an academic subject you're passionate about. Spanning 4,000 words, this essay requires meticulous planning, research, and a clear analytical voice. The IB's assessment rubric, detailed in the Extended Essay guide, will be instrumental in your journey. It emphasizes the importance of a clear research question, the depth of investigation, and the structure and coherence of your final essay.

CP Reflective Project Introduction

The CP Reflective Project is an interdisciplinary feat, challenging you to ponder ethical dilemmas in a career-related context. Through your investigations, you'll tackle complex issues, weaving in perspectives from your chosen career-related study. As you develop your project, the IB's assessment rubric will serve as a roadmap. It spotlights the depth of your analysis, the clarity of your ethical considerations, and the strength of your reflections. Your final product, whether in essay, presentation, or another format, should be a testament to your critical thinking and ethical reasoning skills.

Differentiation is key in accommodating the varied needs of students. Here are a few ideas on using the provided texts to differentiate based on language level, attention level, prior knowledge, and research skill level:

Language Level

For students with varied language proficiencies, the complexity and depth of the text can be adjusted:

- **Beginning Language Learners:** Provide a simplified version of the introduction text, focusing on basic vocabulary and key concepts. Use visuals to support understanding.
- **Prompt Example for PYP Exhibition:**
- "The PYP Exhibition is a big project where you pick a topic and share what you learn. Look at the IB guide to see how to do your best."
- **Advanced Language Learners:** Challenge them with the original text and add supplementary materials that delve deeper into vocabulary and concepts.

Now, to generate more lesson ideas, ask ChatGPT this: "What prompts could a teacher input into ChatGPT to get lessons that differentiate by <insert language, attention, etc. here > with brackets to be filled in as needed for grade level or ib program"

Entering that text, I got these 9 prompts below to help you differentiate by language level:

1. "Generate a lesson plan for teaching [specific text or topic] to [grade level/IB level] students. Include brackets [with explanations] to introduce challenging vocabulary and concepts."
2. "Design a lesson that focuses on [text or topic] for [grade level/IB level] students. Use brackets to highlight key terms and concepts, and provide supplementary materials for further exploration."

3. "Create a teaching module for [text or topic] suitable for [grade level/IB level]. Incorporate brackets to annotate the original text with explanations and include supplementary materials for in-depth analysis."
4. "Develop a lesson plan for [grade level/IB level] students on [text or topic]. Utilize brackets to annotate the text, clarifying complex vocabulary and concepts. Additionally, suggest additional resources to deepen their understanding."
5. "Construct a lesson outline for [grade level/IB level] students studying [text or topic]. Incorporate brackets to provide definitions and explanations for challenging terms or ideas. Suggest supplementary readings, videos, or activities to extend their learning."
6. "Prepare a teaching guide for [grade level/IB level] students focusing on [text or topic]. Use brackets to break down complex passages, and include links to supplementary materials that enhance their comprehension and engagement."
7. "Craft a lesson plan that caters to [grade level/IB level] students learning about [text or topic]. Employ brackets to clarify intricate vocabulary and concepts within the text. Propose supplementary materials to enrich their understanding."
8. "Design a comprehensive lesson module for [grade level/IB level] students studying [text or topic]. Utilize brackets to simplify challenging content, and provide links to additional resources for further exploration."
9. "Generate an instructional plan for [grade level/IB level] students covering [text or topic]. Annotate the original text with brackets to aid comprehension, and suggest supplementary materials to extend their knowledge."

Now you try! Enter the following prompt for each of the items below:

1. Copy the text from the differentiation style below and write CONTEXT followed by the text into your ChatGPT, for example :
 - a. CONTEXT: Differentiate based on students' attention spans:
 - i. Short Attention Span: Break the introduction text into bullet points or use engaging multimedia resources (like short videos). Give prompts that focus on one key concept at a time.
 - ii. Prompt Example for MYP Personal Project: "Think of a topic you love. Now, write three questions you want to answer about it."
 - iii. Long Attention Span: Provide the full text and extend the prompts to require more depth and reflection.
2. Type: "Take no further action yet", before hitting enter
3. Now type, "What prompts could a teacher input into ChatGPT to get lessons based on the context given above, using brackets when appropriate for grade level or ib program"

Further ways to differentiate

- **Prior Knowledge:** Tailor the prompts to what students already know:
 - Beginners/New to IB: Provide scaffolding, like a glossary of IB terms or a flowchart of the project process.
 - Prompt Example for DP Extended Essay: "The Extended Essay is a long research paper. What's a topic you'd like to learn a lot about?"
 - Experienced/IB Veterans: Offer prompts that push them to connect their prior experiences with the new project.

- **Research Skill Level:** Adjust based on students' familiarity and comfort with research:
 - Novice Researchers: Guide them step-by-step, providing templates or examples for each stage.
 - Prompt Example for CP Reflective Project: "Think of a job you're interested in. What's one big question or problem people in that job face?"
 - Expert Researchers: Offer open-ended prompts, pushing them to frame, plan, and execute their research independently.

Thank you so much!

We hope to see you in our next webinar.