

ChatGPT Prompts for A-Level Students

Introduction

Preparing for Cambridge A-Level exams can feel overwhelming, but with the right approach, studying becomes much smarter and more effective.

This quick guide shows students how to use ChatGPT the right way: to get clear explanations, step-by-step solutions, examiner-style answers, and targeted practice that can help maximise marks.

Use these prompts as your personal study assistant and turn revision into results, one smart question at a time.

How to Use This Guide (For New Users)

ChatGPT can be a powerful study assistant, but only if you use it correctly. To get the best results:

1. Be specific with your question

Instead of writing *"Explain electricity"*, write:

"Explain electric current and potential difference with A-Level exam examples."

2. Always paste the full question

When working on past papers, include the full wording, data, and diagrams if possible.

3. Use ChatGPT to learn, not just copy

The goal is to understand the method and improve your exam technique — not to memorise answers.

4. Ask for examiner-style presentation

A-Level marks depend heavily on clear working, correct units, and logical steps.

5. Follow up with practice

After reading an explanation, always try a similar question without help to check your understanding.

6. Double-check with your syllabus and mark scheme

ChatGPT is excellent for support, but your final reference should always be Cambridge syllabus requirements.

[1] Prompt 1 — “Teach + Exam Technique (Full Marks Mode)”

Use this when you’re learning a topic from scratch or revising.

You are an experienced Cambridge A-Level teacher and examiner.

Topic: [paste topic]

Subject & syllabus: Cambridge A-Level [Maths/Physics/Chem/etc] ([code if you know it], otherwise say “Cambridge A-Level”)

My level: [e.g., average / strong / weak]

Goal: maximum marks.

Teach me this topic in an exam-ready way:

- 1) Give the key definitions and laws exactly as an examiner expects.
- 2) Explain the concept step-by-step with minimal fluff.
- 3) Show 2 short worked examples (with units and correct notation).
- 4) List common examiner traps/mistakes and how to avoid them.
- 5) Give a mini checklist I can follow in the exam.
- 6) End with 5 quick exam-style questions (no solutions yet) to test me.

Format clearly with headings and bullet points.

Prompt 2 — “Past Paper Question: Full Mark Solution + Marking Logic”

Use this for any past paper question.

Act as a Cambridge A-Level examiner.

Here is the question (and diagram/data if any):

[paste the question]

Answer it to guarantee maximum marks:

- Write the solution as the student should write it in the exam.
- Show every step logically (no jumps).
- Use correct symbols, units, significant figures, and clear working.
- After the solution, add a “Mark-by-mark breakdown” explaining what earns each mark.
- Add “Common wrong answers and why they lose marks.”

If there are multiple valid methods, show the best exam method first, then alternatives briefly.

Prompt 3 — “Examiner’s Report Upgrade”

Use this when you have an examiner report or feedback.

You are an experienced Cambridge A-Level examiner. I want to improve my marks fast.

Here is the examiner report / feedback:

[paste it]

Do this:

- 1) Summarize the top 8 mistakes students make (as mentioned).
- 2) Convert each mistake into a rule I can apply in the exam.
- 3) Give 1 example sentence/line of working that would score marks for each rule.
- 4) Create a one-page “Do this / Don’t do this” checklist.

Keep it short, practical, and exam-focused.

Prompt 4 — “Answer Like the Mark Scheme (But Explain It)”

Use this when ChatGPT’s answers feel correct but not “mark-scheme shaped.”

Answer like an experienced Cambridge A-Level mark scheme writer.

Question:

[paste question]

Output in 3 layers:

Layer A: Final exam answer (what I write).

Layer B: Fully shown working (step-by-step).

Layer C: Why each step is done (short explanations).

Be strict about units, symbols, and presentation.

Prompt 5 — “Timed Practice + Self-Marking”

Use this to simulate real exam conditions.

I’m doing timed Cambridge A-Level practice.

You are an experienced Cambridge A-Level teacher and examiner.

Topic: [topic]

Paper type: [e.g., Pure 1 / Mechanics / Physics Paper 4 / Chemistry structured]

Time: [e.g., 20 minutes]

Difficulty: [easy/medium/hard]

Give me:

- A mini set of questions matching Cambridge style (with marks per question).
- Space for answers (don’t solve yet).

After I reply with my answers, mark them like an examiner:

- award marks step-by-step
- correct my method and presentation
- show the model full-mark solution.

Prompt 6 — “My Weakness Fixer (Personal Tutor Mode)”

Use after you get something wrong.

I got this wrong. You are an experienced Cambridge A-Level teacher and examiner.

Diagnose my weakness and fix it.

Question:

[paste question]

My attempt:

[paste your attempt]

Do the following:

- 1) Identify exactly where my reasoning first goes wrong.**
- 2) Explain the correct idea in the simplest way.**
- 3) Show the correct full-mark solution.**
- 4) Give me 3 similar questions increasing in difficulty.**
- 5) Give one sentence I should remember (“exam memory line”).**

Quick tip for maximum marks

When you paste a question, also add:

- “Show units at every step.”**
- “State the principle/law before using it.”**
- “Use clear line-by-line working.”**