# ChatGPT study prompt pack

Choose one prompt, attempt the question before seeing the answer, and check feedback against a reliable source. Use only material you may share. Follow course and workplace AI policies; do not outsource assessed work.

Fill in the brackets. In your opening message give your level, learning goal, source title and section. Ask for one question at a time, hidden answers, and source-supported feedback. Examples in the article are illustrative, not recorded product tests.

### 1 Diagnose a specific gap

Ask up to three short diagnostic questions about [goal], one at a time. Wait for each answer. Then identify one gap supported by my responses and propose a focused next exercise.

### 2 Explain it back

Ask me to explain [concept] without notes. Compare my explanation with [source section]. Identify one inaccurate claim or missing relationship. Ask me to revise it before providing your own explanation.

### 3 Test an analogy's limits

Give one simple analogy for [concept], label it as an analogy, and explain two ways it fails. Then ask me to explain the concept without using the analogy.

### 4 Request one hint

Here is the practice problem and my attempt: [both]. Identify the first point where I went off track. Give one small hint without solving the remaining steps. Wait for my next attempt.

### 5 Build a recall quiz

Create five short-answer questions covering [listed objectives] from [source]. Ask one at a time with no answer cues. After my attempt, explain any gap and point to the supporting passage.

### 6 Practice choosing a method

Mix practice questions requiring [method A] and [method B]. Do not label the method. Before calculating, ask me which approach fits and why. Keep the solutions hidden until I attempt each item.

# More prompts for checked practice

Reuse the same source boundaries. A tutor-style reply can still be wrong. Verify the relevant passage, calculation, or worked answer before saving a correction.

### 7 Gradually remove support

Use this checked worked example: [example]. Make a similar practice problem with the last step missing, then one with more steps missing, then a new problem without a scaffold. Wait after each attempt.

### 8 Mark an answer against criteria

Compare my practice answer [answer] with these criteria [criteria]. For each, show the relevant part of my answer, any missing point, and source support. Do not invent a grade or infer my teacher’s preferences.

### 9 Turn a mistake into a repair

From this checked error [attempt, correction, source], create a mistake-log entry: error, why it happened if known, correction, and a fresh practice question. Mark uncertain causes as uncertain.

### 10 Challenge an unsupported answer

Audit your last answer against [source]. Separate directly supported statements, inferences, and unsupported claims. Identify exact supporting passages where available. Withdraw anything you cannot substantiate.

### 11 Test a new application

Create a new practice case for [objective], changing both the numbers and surface details. Do not name the method. Wait for my explanation and answer, then check against [source or verified solution].

### 12 Plan the next small review

Use this checked practice log [log] and my available study time [time]. Suggest a short next session emphasizing unresolved errors and one new application. Ask me to choose a realistic review date. Do not claim an optimal universal schedule.

For every prompt: keep your attempt, the checked correction, and a changed question. If an answer was revealed early, mark that attempt as assisted and try another item.

# Practice and answer check sheet

Print or duplicate this page. Record your first answer before asking for feedback. Check the source yourself before deciding whether the answer is correct.

Topic and observable goal _____

Permitted source and section _____

Date _____ Prompt number _____

## Attempt before looking

| Question or task | My unaided answer and reasoning |
|---|---|
| | |
| | |

## Check the feedback

| Check | Evidence or correction |
|---|---|
| Does the cited passage support the claim? | |
| Are calculations, units, and conditions correct? | |
| What is uncertain or outside the source? | |

## Repair and retry

Specific error _____

Checked correction _____

Fresh question and result _____

Next review date _____ First task _____

Mark result: correct unaided / partial / incorrect / assisted / not attempted. Confidence or AI praise alone is not the result.

# Worked example and one week plan

Fictional adult-learning example. These are authored practice materials, not observed student results or a recorded ChatGPT session.

## Source card

Percentage change = (new value - original value) / original value × 100. The original value must be nonzero. Percentage-point change subtracts the old percentage from the new percentage.

| Stage | Recorded example |
|---|---|
| Question | A completion rate rises from 20% to 25%. Report percentage-point and relative percentage change. |
| First attempt | 5 percentage points; 20% relative increase, using 5 / 25. |
| Checked correction | Use the starting rate: 5 / 20 × 100 = 25%. Check: 20% × 1.25 = 25%. |
| Fresh question | A rate falls from 50% to 40%. Answer: -10 percentage points; -20% relative change (20% decrease). |
| Mistake log | Used the ending value as the baseline. Circle the starting value before calculating. |

## A suggested one week plan

These dates are adjustable examples, not an optimal schedule. Choose actual dates that fit your deadline. Shorten the gap or revisit the explanation when recall is weak.

| When | What to do |
|---|---|
| First session | Read the source. Attempt one question, check, correct, and try a changed question. |
| Next day | Explain baseline selection without notes. Check one new problem. |
| Later in the week | Mix percentage change and percentage-point questions; identify the method before solving. |
| End of week | Try an unfamiliar example without hints. Choose the next review from the result. |

Supporting reading: Roediger & Karpicke (2006), doi:10.1111/j.1467-9280.2006.01693.x. Product and privacy guidance: help.openai.com/articles/11780217 and help.openai.com/articles/7730893. The research supports retrieval practice, not a guaranteed benefit from this prompt pack.