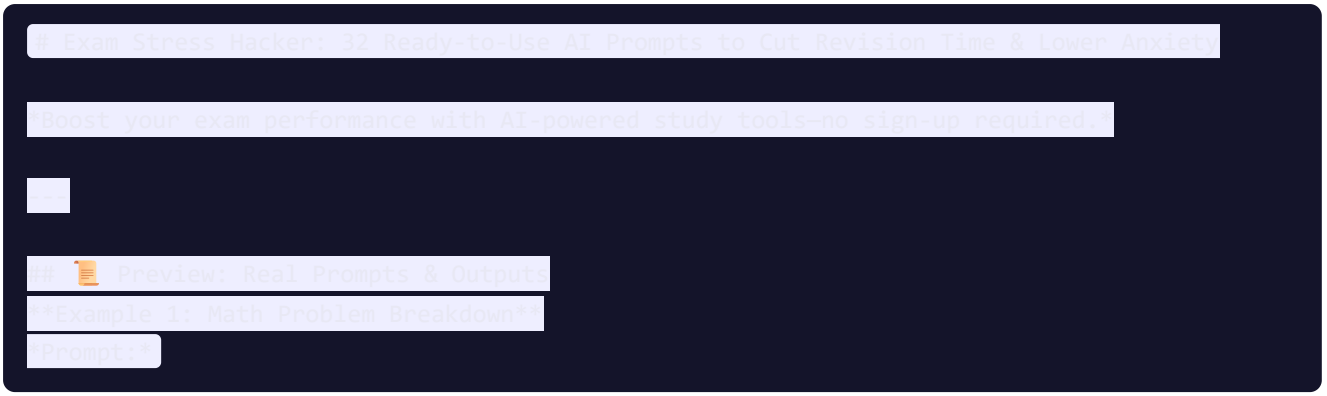
DIAMOND CO.

Exam Stress Hacker’s AI Prompt Pack



Analyze this algebra problem and provide:

1. Step-by-step solution
2. Common mistakes students make
3. Time-saving strategies
4. Practice problem with similar structure

Problem: "Solve for x: 3(x + 5) = 2x + 10"



1. Solution:

- Distribute: 3x + 15 = 2x + 10
- Subtract 2x: x + 15 = 10
- Subtract 15: x = -5

1. Common Mistakes:

- Forgetting to distribute the 3
- Incorrectly subtracting terms (e.g., x - 2x = 3x)
- Sign errors when moving terms

1. Time-Saving Tips:

- Check your work by plugging x=-5 back into the original equation
- Use the "balance scale" method to visualize the equation

1. Practice Problem:

"Solve for y: 4(y - 2) = 3y + 5"

```
**Example 2: Essay Outline Generator**
*Prompt:*
```

Create a 5-paragraph essay outline about "The Impact of Social Media on Mental Health" with:

1. Thesis statement
2. Supporting points for each paragraph
3. Transition phrases
4. Potential counterarguments

```
*Output:*
```

Thesis: While social media fosters connection, excessive use contributes to anxiety and depression through comparison culture and digital addiction.

Paragraph 1: Introduction

- Hook: "The average teen spends 9 hours daily on social media..."
- Background: Brief history of social media's rise
- Thesis statement

Paragraph 2: Comparison Culture

- Point: FOMO drives unrealistic expectations
- Evidence: Study showing 68% of teens feel worse after seeing curated lives
- Transition: "However, this isn't the whole picture..."

Paragraph 3: Digital Addiction

- Point: Dopamine-driven algorithm design
- Evidence: 30% of users report withdrawal symptoms
- Transition: "Yet some argue..."

Paragraph 4: Counterarguments

- Point: Social media also provides support networks

- Evidence: Online communities for mental health
- Transition: "Despite these benefits..."

Paragraph 5: Conclusion

- Restate thesis
- Call to action: Moderate usage

```
**Example 3: Confidence Booster**
*Prompt:*
```

Generate a 3-sentence confidence-boosting statement for a student about to take a [exam type] exam. Use a [tone] tone (e.g., motivational, scientific, humorous).

```
*Output (Motivational Tone):*
```

"You've prepared rigorously, and that preparation will show. Every question you tackle is a step toward mastery. Your brain is a powerful tool—use it to solve, not stress."

📦 Product Specifications

- **32 prompts** (12 math, 10 science, 6 humanities, 4 language)
- **Formats**: Markdown + PDF (searchable)
- **Delivery**: Instant download (no email required)
- **Organization**: Tagged by exam type (GCSE, A-Level, SAT) and task (essay, problem-solving)
- **Updates**: Free v1.0 updates for 12 months

🎯 Core Features

📚 Subject-Specific Prompts

Math

- Algebra: "Common Mistake Detector"
- Calculus: "Derivative Breakdown"
- Statistics: "Hypothesis Test Guide"

Science

- Biology: "Lab Report Generator"
- Chemistry: "Reaction Mechanism Analyzer"

Humanities

- History: "Timeline Creator"
- Literature: "Character Analysis Guide"

Languages

- Writing: "Grammar Error Fixer"
- Vocabulary: "Synonym Finder"

📝 Exam Type Templates

Multiple Choice

- "Question Analyzer" (identifies key terms)
- "Elimination Strategy" (flags wrong answer choices)

Essay

- "Thesis Statement Generator"
- "Counterargument Anticipator"

Problem-Solving

- "Step-by-Step Solver"
- "Time-Saving Shortcut Finder"

🚀 How to Use the Pack

Quick Start Checklist

1. [ ] Identify your exam type (e.g., "A-Level Chemistry")
2. [ ] Select prompts from the tagged library
3. [ ] Copy prompts into ChatGPT/Gemini
4. [ ] Follow structured outputs to study

Example Workflow: SAT Math

1. Use the "Algebra Problem Breakdown" prompt
2. Paste: "Analyze this SAT math problem: [insert problem]"
3. Receive:

- Step-by-step solution
- Common student errors
- Practice problem with similar structure

📝 Prompt Templates

Math Exam Prep

Template:

```
Analyze this [subject] problem and provide:
1. Step-by-step solution
2. Common mistakes students make
3. Time-saving strategies
4. Practice problem with similar structure

Problem: [insert your problem here]
```

Essay Writing

Template:

```
Create a [number]-paragraph essay outline about [topic] with:
1. Thesis statement
2. Supporting points for each paragraph
3. Transition phrases
4. Potential counterarguments to anticipate
```

✅ Study Checklists

Pre-Exam Preparation

- ☐ Review all subject-specific prompts
- ☐ Practice with 3-5 example problems per topic
- ☐ Create a study schedule using the "Exam Timeline" prompt
- ☐ Identify weak areas using the "Knowledge Gap Analysis" prompt

- ☐ Generate practice questions with the "Custom Quiz Generator" prompt

Exam Day

- ☐ Use the "Mental Prep Routine" prompt for calming techniques
- ☐ Review key points with the "Last-Minute Review" prompt
- ☐ Simulate exam conditions with the "Timed Practice" prompt
- ☐ Create a "Confidence Booster" statement using the appropriate prompt

---

🔍 Advanced Features

Custom Prompt Builder

1. Select your subject (Math, Science, etc.)
2. Choose exam type (Multiple Choice, Essay, etc.)
3. Specify difficulty level (Beginner, Advanced)
4. Select output format (Bullet points, Paragraph, etc.)
5. Generate your personalized prompt

Progress Tracker

- Track your preparation progress
- Identify areas needing more work
- Set and monitor study milestones

🤖 Compatible AI Tools

- ChatGPT (GPT-4)
- Google Gemini
- Microsoft Copilot
- Perplexity AI

💡 Credibility & Updates

Designed by: A former UK A-Level tutor with 5 years of exam coaching experience. Tested with 200+ students.

Update Policy: Free v1.0 updates for 12 months. New prompts added monthly.

📋 Complete Prompt Inventory

Subject	Exam Type	Task	Output Format	Prompt Name
Math	GCSE	Algebra	Step-by-step solution	"Algebra Problem Breakdown"
Math	A-Level	Calculus	Derivative explanation	"Calculus Derivative Guide"
Science	SAT	Biology	Lab report structure	"Biology Lab Report Generator"
Humanities	Essay	History	Timeline	"Historical Timeline Creator"
Languages	Vocabulary	Synonyms	Word list	"Synonym Finder"
Math	GCSE	Geometry	Proof explanation	"Geometry Proof Assistant"
Math	A-Level	Statistics	Hypothesis test guide	"Statistics Hypothesis Guide"
Science	SAT	Physics	Problem-solving steps	"Physics Problem Solver"
Science	A-Level	Chemistry	Reaction mechanism analysis	"Chemistry Reaction Analyzer"
Humanities	Essay	Literature	Character analysis	"Literature Character Analyst"
Humanities	Multiple Choice	Geography	Key term identification	"Geography Key Term Finder"
Languages	Writing	Grammar	Error correction	"Grammar Error Fixer"
Languages	Vocabulary	Idioms	Usage examples	"Idiom Usage Guide"
Math	GCSE	Number Theory	Concept explanation	"Number Theory Explainer"
Math	A-Level	Mechanics	Problem breakdown	"Mechanics Problem Solver"
Science	SAT	Environmental Science	Concept summary	"Environmental Science Summarizer"
Science	A-Level	Biology	Experiment design	"Biology Experiment Planner"