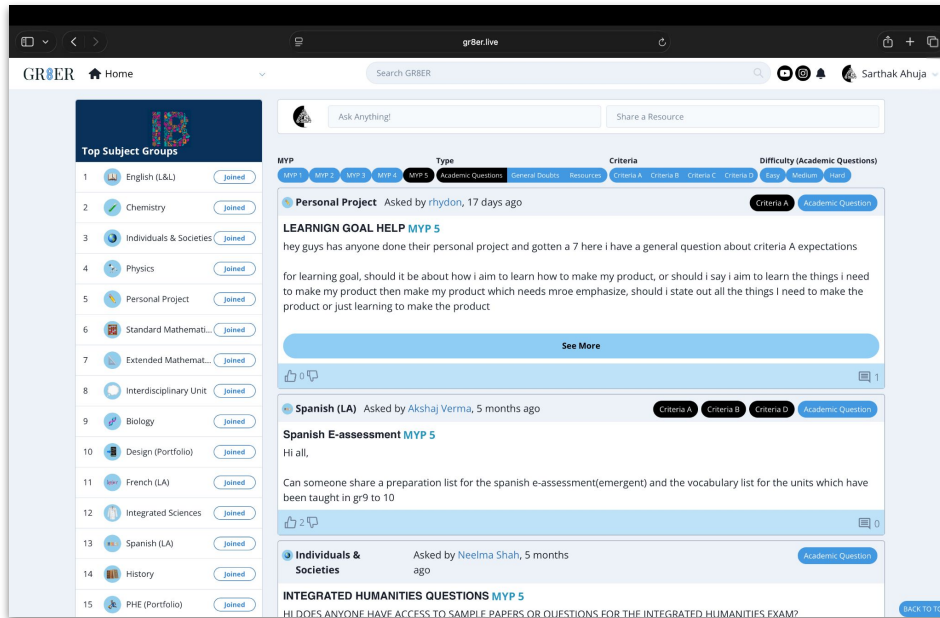


# Brekfuz

The modern  
workbook for  
modern revision.

# 2024: GR8ER Launched.

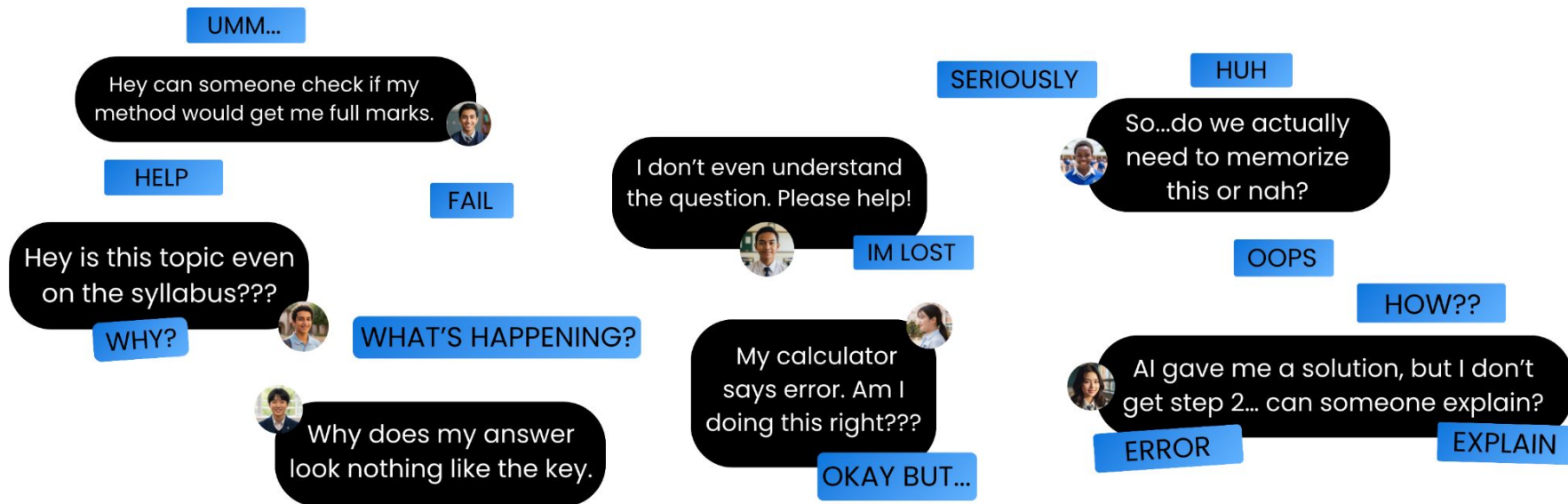
An academic network for the IB MYP (Middle Years Programme), designed to help students tackle the curriculum's unique challenges.



5000 students.  
24 countries.  
Endorsed by IB.  
Featured on Times of India.

**However**, we soon realized that the issue at hand was much *greater* than what GR8ER was poised to deliver...

# Revision tools for learning support outside the classroom are broken.



passive learning  
over active recall



One-size-fits-all  
'blanket' solutions

They assign more value to  
—— **surface-level solutions** than they do ——  
holistic help for **every learning challenge.**

low engagement  
and autonomy



fragmented and  
siloed support

And somehow, this is called “learning” –  
but we’re flipping the script.



We're a  
***Knowledge*** Engine.

Our mission:

**Replace Traditional AI and Static Questionbanks  
for Revision.**



Study like *never* before.

*product demo ...*

# 1. Upload A Question

Students upload a question. Brekfuz instantly detects the concept and other underlying information.

### Welcome to Brekfuz!

Choose Curriculum ^

International Baccalaureate

Advanced Placement (AP)

UK A-Levels

Other

Mathematics

Calculus

Differential Calculus

### Upload your Question

Please upload file in jpeg or png format and make sure the file size is under 25 MB.

samplequestion.jpg

(a) Find the Derivative of the following Equation:

$$1. f(x) = 6x^3 - 9x + 4$$

Cancel

Done

## 2. Instant AI Answer

AI gives a step-by-step solution, visible only to the user and revealed gradually with smart hints and tips (based on previous interactions on-site)

The image shows a user interface for a math problem-solving application. At the top, it says "Pranav's Question" and "IB Math AAHL". Below this, a user profile for "Sam Altman" is shown with a blue circular icon containing "SA" and a "10h" timestamp. To the right, there are buttons for "Calculus" and "Differential Calculus". The question text reads: "Hi, I'm struggling with understanding how to differentiate this equation." Below the question, it says "Let Find the Derivative of the Following Equation:" followed by the equation  $1. f(x) = 6x^3 - 9x + 4$ . At the bottom of the question card are two icons: a speech bubble and a plus sign. Overlaid on the right is a white box titled "AI Answer". It contains two steps: "Step 1: Identify the Function" with the instruction "Identify the function as provided." and the equation  $f(x) = 6x^3 - 9x + 4$ ; and "Step 2: Recall the Derivative Rules" with the instruction "Recall the power rule needed to solve this equation:" and the formula  $x^n = nx^{n-1}$ . Below Step 2 is a button "View Next Step" with a downward arrow. At the bottom of the AI answer box is a button "View Answer" with a downward arrow. A red callout box on the right side of the AI answer box states "65% of users have struggled with this step".

Pranav's Question IB Math AAHL

SA Sam Altman 10h Calculus Differential Calculus

Question:  
Hi, I'm struggling with understanding how to differentiate this equation.

Let Find the Derivative of the Following Equation:

1.  $f(x) = 6x^3 - 9x + 4$

AI Answer

Step 1: Identify the Function  
Identify the function as provided.  
 $f(x) = 6x^3 - 9x + 4$

Step 2: Recall the Derivative Rules  
Recall the power rule needed to solve this equation:  
 $x^n = nx^{n-1}$

65% of users have struggled with this step

View Next Step

Now that you have the correct derivative rule to solve this problem, go ahead and give it a try.

View Answer

### 3. Community Attempts

All questions are parallelly floated to the community of students studying the same curriculum/content. Each response from other users is AI-graded with personalized feedback. The AI learns overtime from user patterns.

International Baccalaureate Diploma Programme

Mathematics AAHL  
Calculus

SA Sam Altman

1.  $f(x) = 6x^3 - 9x + 4$

5 min ago

Answer Now!

SK New Question from Sal, Physics: Fields 12m

SA New Question from Sarthak, Physics: Electricity 6m

PG New Question from Paul, Psychology: Cognition 6m

Pranav's Question Differential Calculus

SA Sam Altman

Question:  
Hi, I'm struggling with

1. Find the Derivative of

1.  $f(x) = 6x^3 - 9x + 4$

AS Aravind Srinivas

To differentiate this equation, we apply the power rule on all three coefficients resulting in  $f(x) = 6x^3 - 9x + 4$ , thus this is our answer for the problem.

5 min ago

Markscheme Grade: 2/5

- ⊗ You did not define your variables properly.
- ⊗ You did not explicitly state the proper differentiation rule
- ⊗ Your product rule was incorrect on the **second term**
- ⌚ Always make sure to explicitly state the differentiation rule being used.

## 4. Knowledge Threads

Answers with valuable insights are added to the ever-evolving knowledge thread linked to each question.

International Baccalaureate Diploma Programme

Mathematics Analysis and Approaches HL

Statistics & Probability

Geometry & Trigonometry

Calculus

Number & Algebra

Functions

Sam's Question

Calculus  
Differential Calculus

SA

Sam Altman  
10h

Question:

Hi, I'm struggling with understanding how to differentiate this equation.

(a) Find the Derivative of the following Equation:

$$1. f(x) = 6x^3 - 9x + 4$$

3

+

AI Answer

Step 1: Identify the Function

Identify the function as provided.

$$f(x) = 6x^3 - 9x + 4$$

Step 2: Recall the Derivative Rules

Recall the power rule needed to solve this equation:

$$x^n = nx^{n-1}$$

Step 3: Apply it in Context

Apply the power rule in the context of the function identified:

$$6(x^3) = 6(3x^2) = 18x^2 \quad -9x = -9 \quad 4 = 0$$

View Final Answer

SN

Satoshi Nakamoto

Valuable Insight

When differentiating, instantly ignore any 'constants' because the derivative of a constant is always zero. This is because the 'gradient' of  $y = \text{constant}$  is always 0 (a straight line).

So, ignoring 4,  $6x^3 - 9x = 18x^2 - 9$ .

↑

↓

9 min ago

RL

Roy Lee

To differentiate the given function, we can apply the power rule:

$$6x^3 - 9x + 4 = 3x^2 - 9$$

↑

↓

5 min ago

Common Mistake

## 5. Practice Quiz


Create a personalized practice quiz on any concept. The AI studies similar questions from across the platform and generates tailored problems to help you master the topic.

Choose Subject

Mathematics

Choose Concepts to Practice

Arithmetic Sequences


 **Quiz Details**

5

 AI-generated questions

2

 Hints per question (limited!)

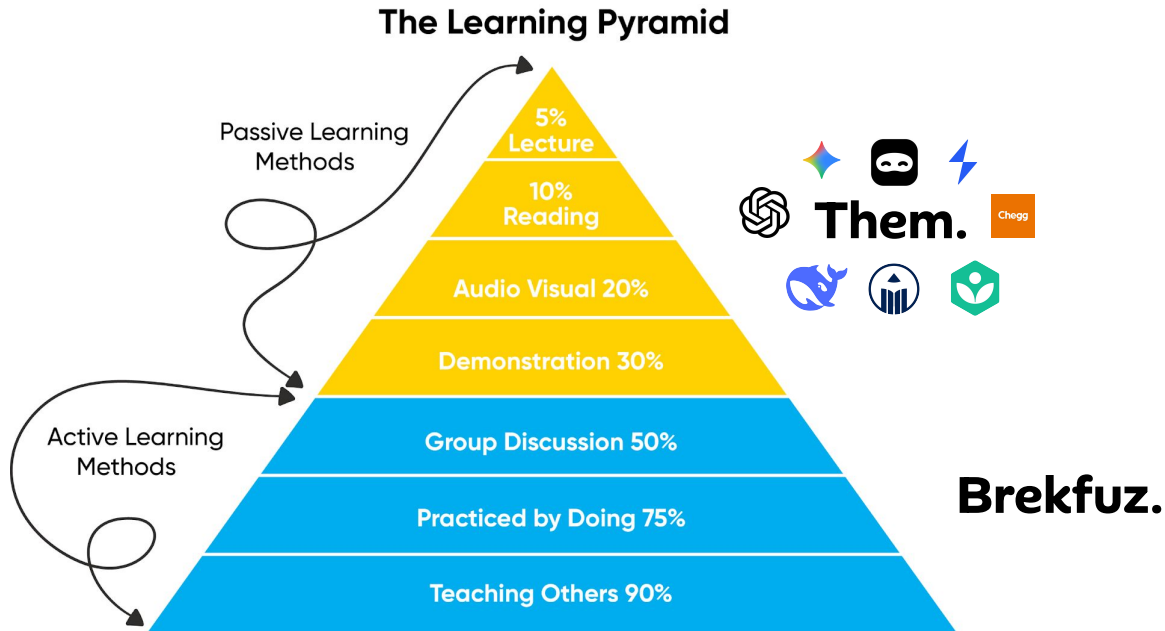
 **Instant**

 AI grading and feedback

Start Quiz

# Why Us?

Created by Edgar Dale and the NTI institute,  
**The Learning Pyramid** tells you Exactly Why.







“ We conducted an experiment... Findings revealed that people who were guided to *actively make and fix mistakes* while learning **performed better** and felt **more confident** than those trained *only through demonstrations*. ”

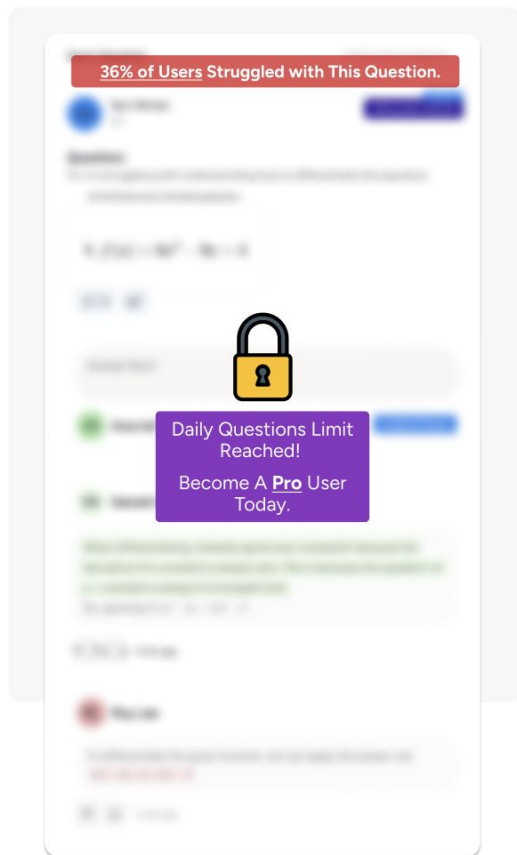
Susanne Narciss, 2024



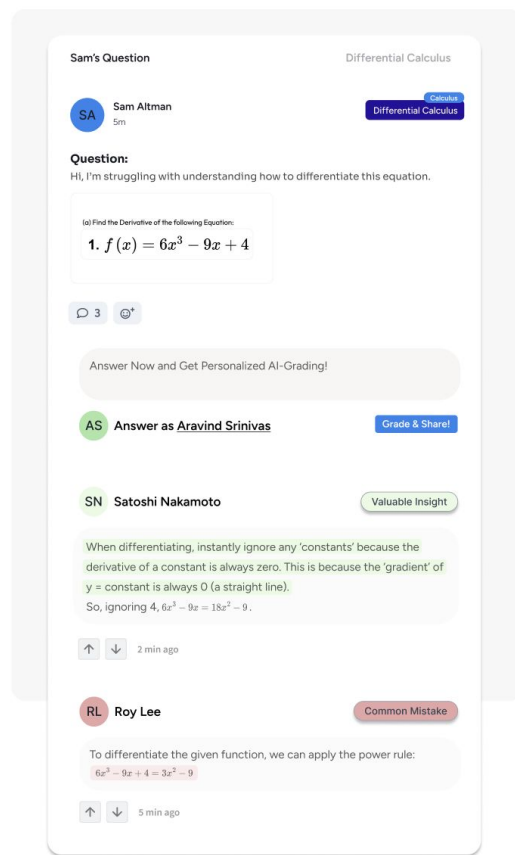
introducing  
**Brekfuz Pro.**

A supercharged learning experience —  
enjoy **unlimited questions** to practice with **advanced analytics**, *each* enriched with **knowledge threads**.

# Without Pro.



# With Pro.



# Pro comes with Brekfuz Boosts.

Bite-sized, 15-minute tutoring sessions with student mentors who've completed the same curriculum as you. These quick, focused sessions make learning faster and less intimidating - perfect for clearing one concept or homework problem at a time.

## What Subject Do You Need Help With?

Mathematics AAHL

Physics

Chemistry

English L&L

History

French B

Economics

Biology

## What Support Do You Need Specifically?

Homework: I'd like tutoring with a homework problem

Conceptual: I want to learn a new concept



# Get Pro.

(shocker)

**\$16.99** /month

Cheaper than ChatGPT Pro.

# introducing **Brekfuz Ads.\***

The ad network built on real student learning interactions.  
Grow faster with **data-driven insights** that will help your brand  
**reach learners** at high-leverage moments.

\* Custom Packages for Enterprises.



# Current Market.

The global test prep market, currently at \$126 billion, is set to hit \$178 billion by 2030, driven by rising competition and the spread of exams like IB, AP, and IGCSE.

In 2024, U.S. families spent \$37.6 billion on test prep—tutoring, books, online courses, and exam fees—showing parents' deep investment in academic success.

**1**

Launch Brekfuz for  
IB MYP & IB DP  
using GR8ER's customer base.

**2**

Actively seek  
feedback until 20,000  
user mark.

**3**

Launch to A-Levels, AP,  
& other popular test curricula.  
Repeat step #2 until 60,000 user mark.

**4**

Invest time & resources  
into further development.  
Reach niche curricula  
(& possibly universities)

# The Game Plan.

# The Possibilities.



AMA Threads + Support  
from Teachers

Notes & Resource  
Sharing

Expand into Universities  
and their Courses



# Contact the Founder.

Sarthak Ahuja



+1 (217) 841-9168



sa138@illinois.edu

A painting of three astronauts in space. The astronaut on the left is seated, the one in the center is holding a small orange sphere, and the one on the right is holding a clipboard. A large, bright sun is in the upper left corner. The background is a dark, starry space.

**Brekfuz** • What if revision  
finally worked?