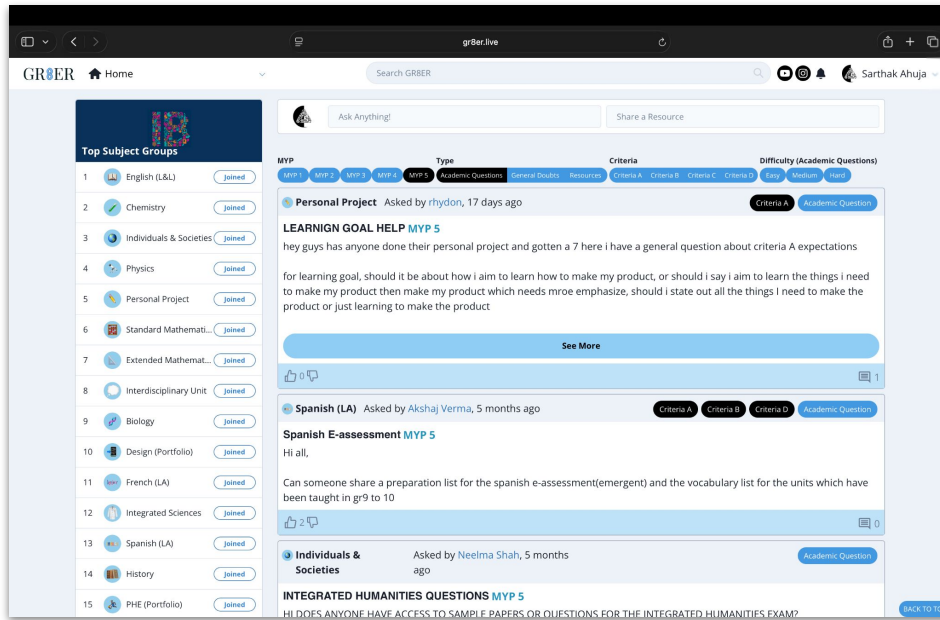


# Brekfuz

The modern  
workbook for  
modern revision.

# 2024: GR8ER Launched.

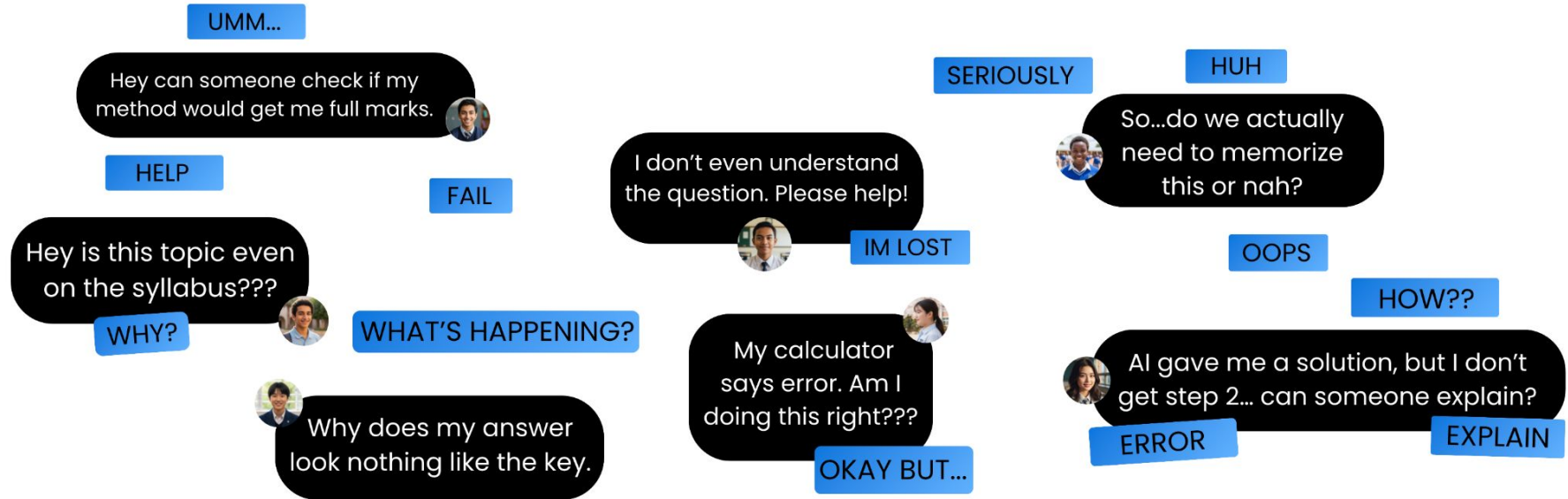
An academic network for the IB MYP (Middle Years Programme), designed to help students tackle the curriculum's unique challenges.



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

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

# Academic revision tools for learning support outside the classroom are broken.



feed 'blanket solutions', regardless of  
individual needs or learning styles

reward right  
answers, not  
right thinking

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

static, solo,  
siloes revision

curriculum-specific resources are missing  
across ages and levels.

# meet Brekfuz

Community-driven. Curriculum-aligned. AI-Evolving.

Our mission:

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

Product demo



# 1. Upload A Question

Students upload a question. Brekfuz instantly detects the concept and type of problem, allowing for aligned answers

### 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 with smart tips, visible only to the user and revealed gradually.

The image shows a user interface for a math problem. At the top, it says "Pranav's Question" and "IB Math AAHL". Below this, there's a user profile for "Sam Altman" with a blue circle containing "SA" and "10h". To the right, there's a "Calculus" button and a "Differential Calculus" label. The question text says: "Question: Hi, I'm struggling with understanding how to differentiate this equation." Below the question, it says "1. 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, there are two icons: a speech bubble and a gear. Overlaid on the right is a white box titled "AI Answer". It contains three sections: "Step 1: Identify the Function" with the text "Identify the function as provided." and the equation  $f(x) = 6x^3 - 9x + 4$ ; "Step 2: Recall the Derivative Rules" with the text "Recall the power rule needed to solve this equation:" and the equation  $x^n = nx^{n-1}$ ; and a "View Next Step" button with a downward arrow. Below this, it says "Now that you have the correct derivative rule to solve this problem, go ahead and give it a try." At the bottom is a "View Answer" button with a downward arrow. A red callout box on the right says "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.

1. 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 then floated to the community. Each response is AI-graded with personalized feedback.

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

Let 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 employing alternate methods or common mistakes are added to the ever-evolving question thread in the ever-evolving question bank.

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

Valuable Insight

SN

Satoshi Nakamoto

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:

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

↑

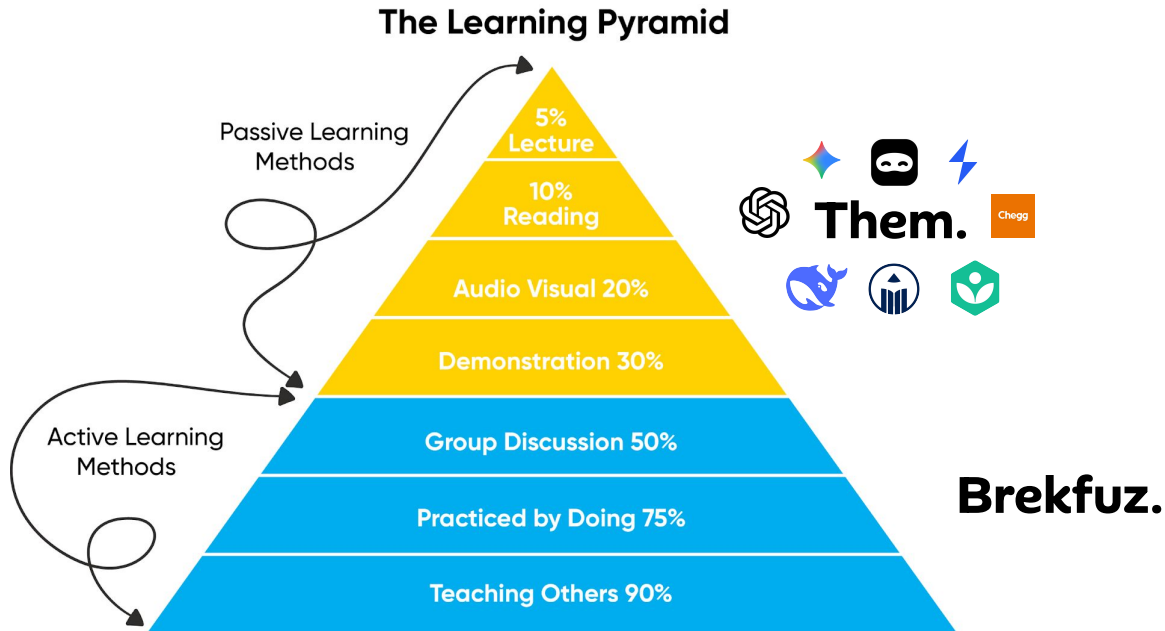
↓

5 min ago

Common Mistake

# Why Us?

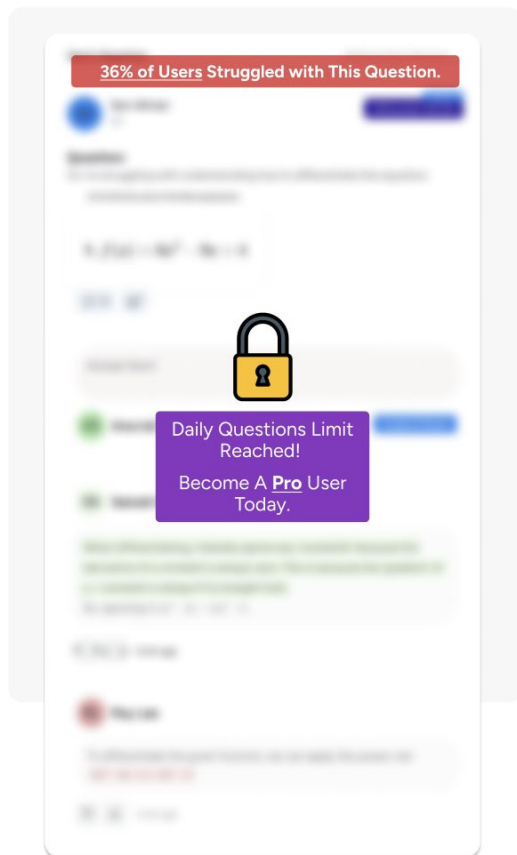
Created by Edgar Dale and the NTI institute,  
**The Learning Pyramid** tells you Exactly Why.



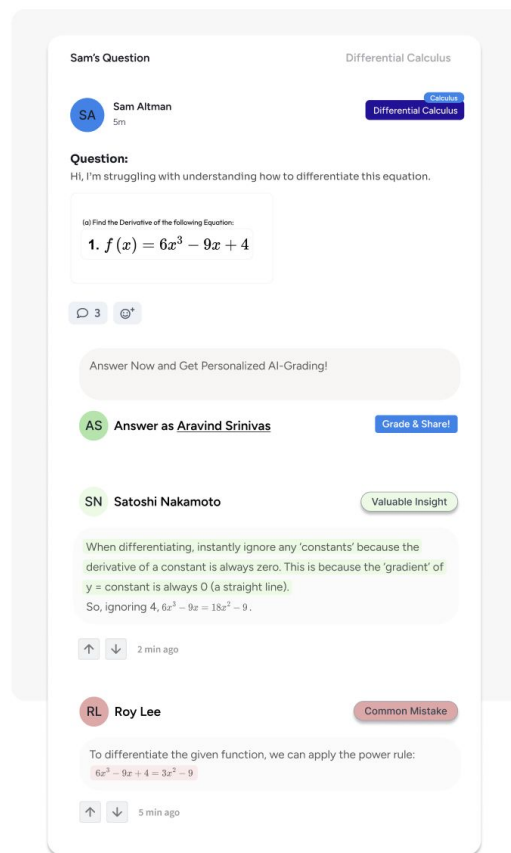
introducing  
**Brekfuz Pro.**

A supercharged learning experience —  
enjoy **unlimited questions** to practice with **AI-grading**,  
*each* enriched with **knowledge threads**.

# Without Pro.



# With Pro.



# Get Pro.

(shocker)

**\$16.99** /month

Cheaper than ChatGPT Pro.



# introducing **Brekfuz Ads.\***

The *only* ad network built on real student learning struggles.  
Grow faster with **data-driven insights** that turn students'  
toughest concepts into your **biggest opportunities**.

\* Custom Packages for Enterprises.

# The Game Plan.

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

Actively seek  
'feature requests' & feedback  
until 20,000 user mark.

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

Invest time & resources  
into further development.  
Reach Niche Curricula.

# Contact the Founder.

Sarthak Ahuja



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