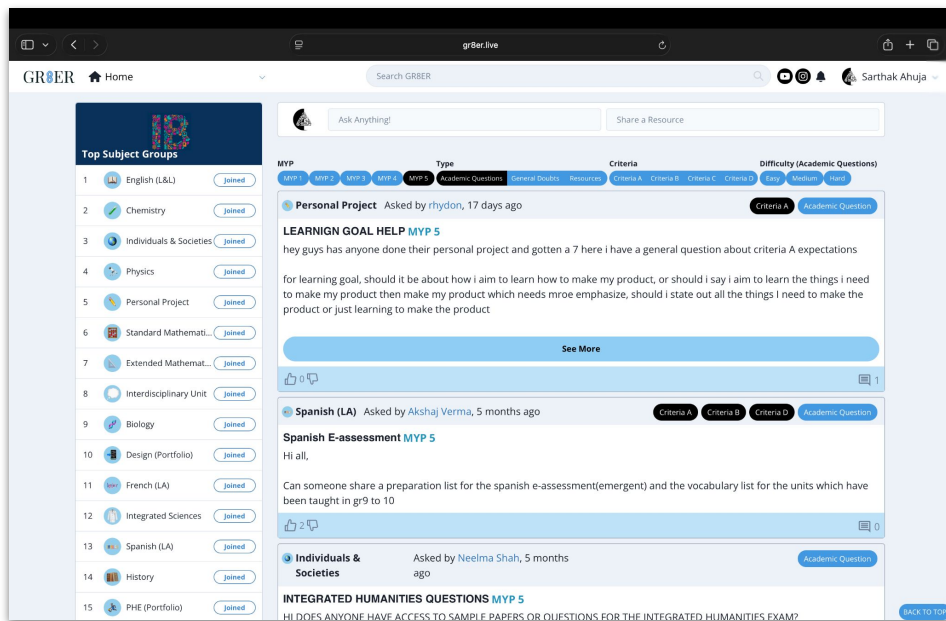


Brekfuz

The modern
workbook for
modern revision.

2024: GR8ER Launched.

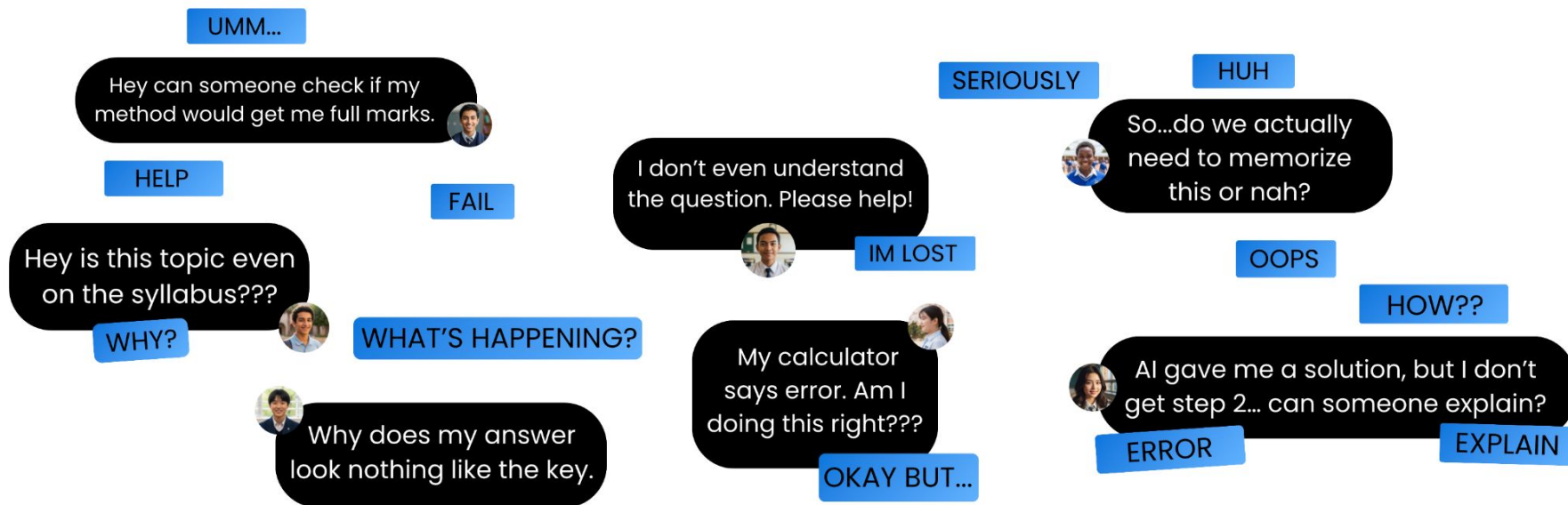
An academic network for the IB MYP (Middle Years Programme), designed to help students tackle the curriculum's unique challenges.



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.**

“ 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

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:

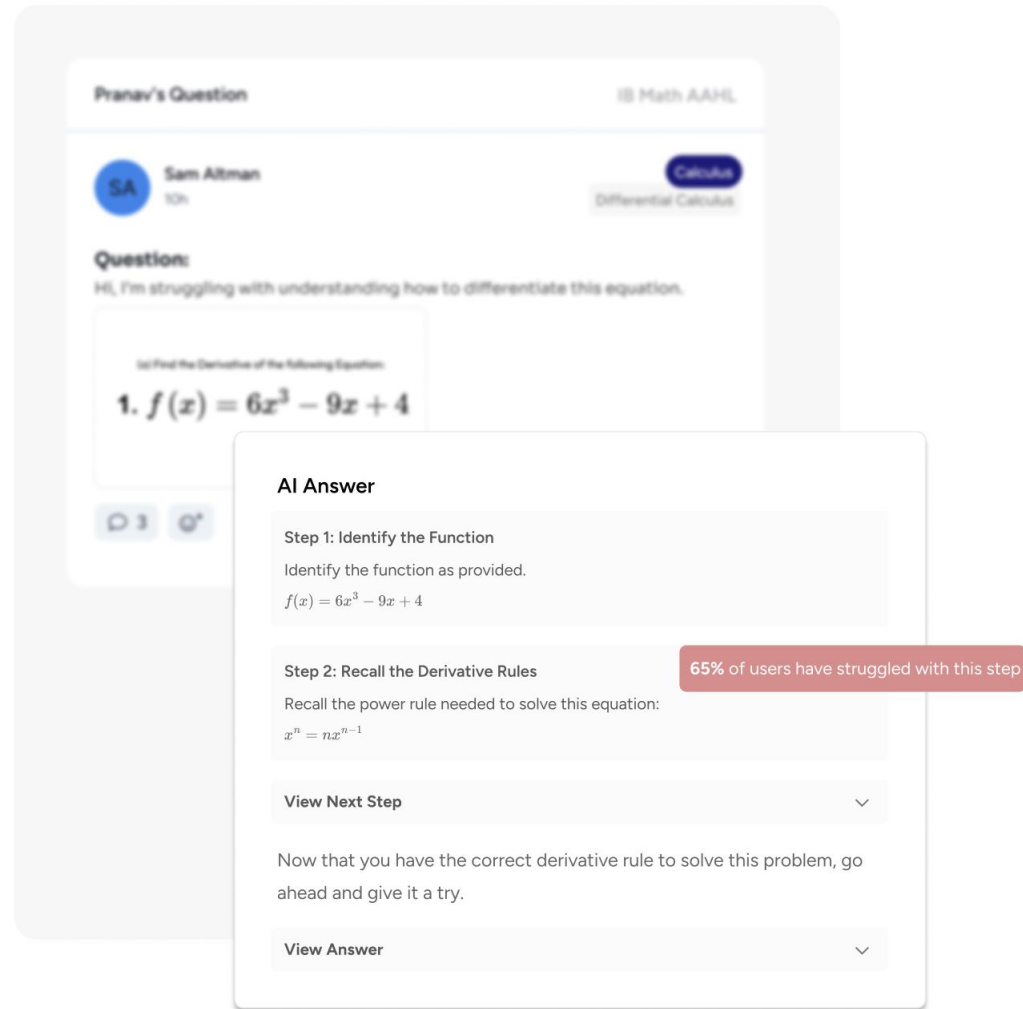
$$1. f(x) = 6x^3 - 9x + 4$$

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, there's a user profile for "Sam Altman" with a blue circular icon containing "SA" and a "10h" timestamp. To the right, there's a "Calculus" tag and a "Differential Calculus" tag. The question text says: "Question: Hi, I'm struggling with understanding how to differentiate this equation." Below the question, there's a prompt "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, there are icons for chat and a plus sign. 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 side of the "Step 2" section 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.

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

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 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:

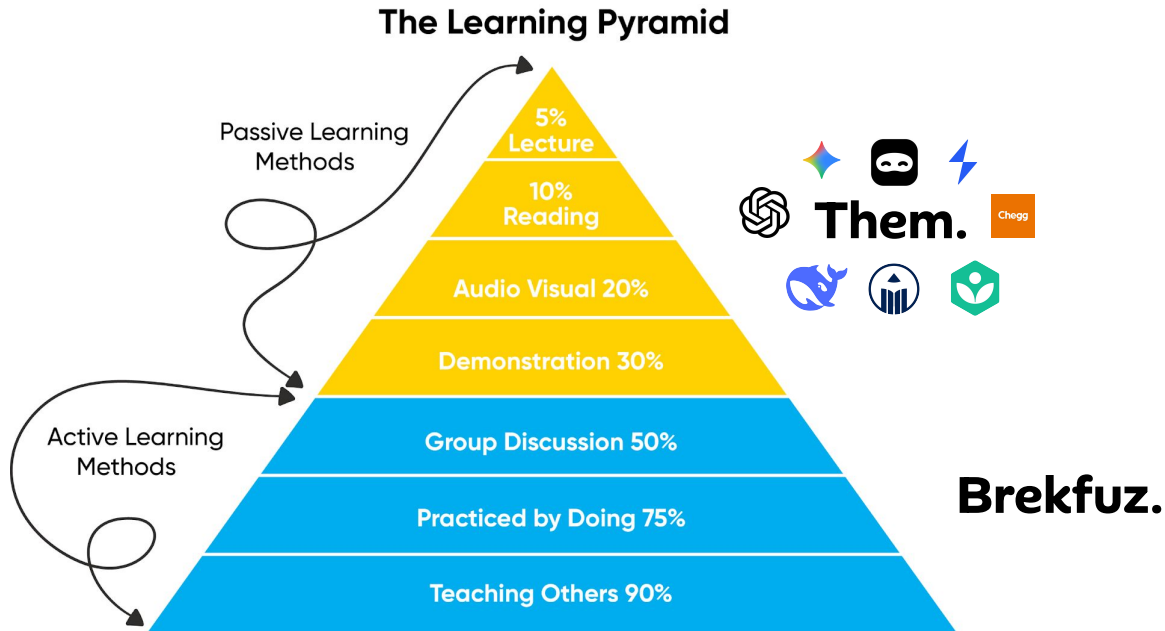
$$6x^3 - 9x + 4 = 3x^2 - 9$$

5 min ago

Common Mistake

Why Us?

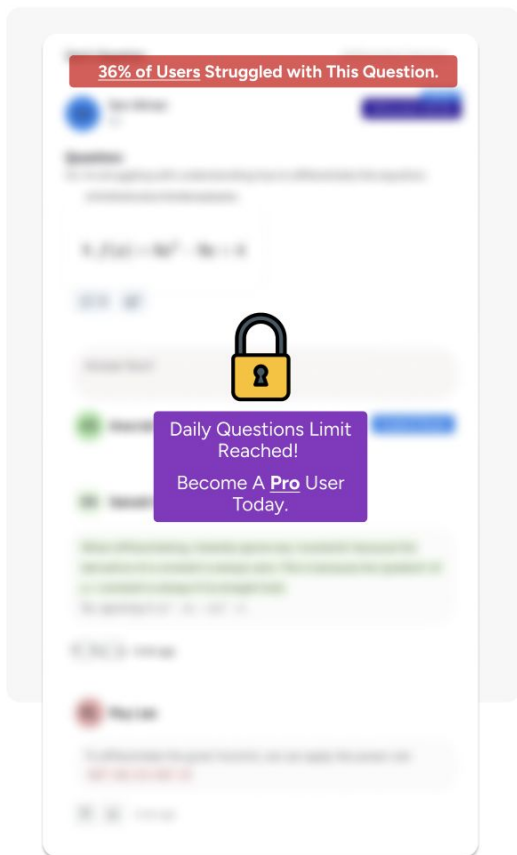
Created by Edgar Dale and the NTI institute,
The Learning Pyramid tells you Exactly Why.



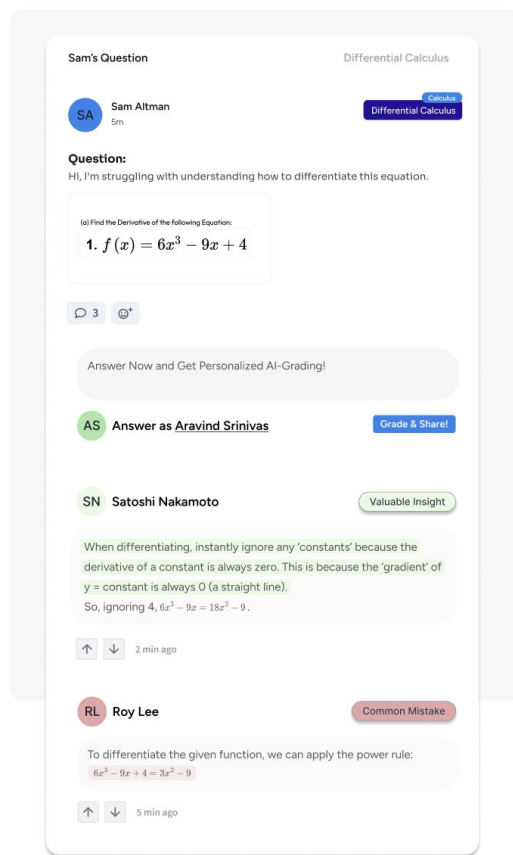
introducing
Brekfuz Pro.

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 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



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.



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.

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 planet, and the one on the right is holding a clipboard. A large, glowing sun is in the upper left corner. The background is a dark, starry space.

Brekfuz • What if revision
finally worked?