

Diocesan Boys' School Primary Division



Exploring the use of Artificial Intelligence for Self-Directed English Language Learning

Harnessing the Power of AI to Help Students Think Deeper

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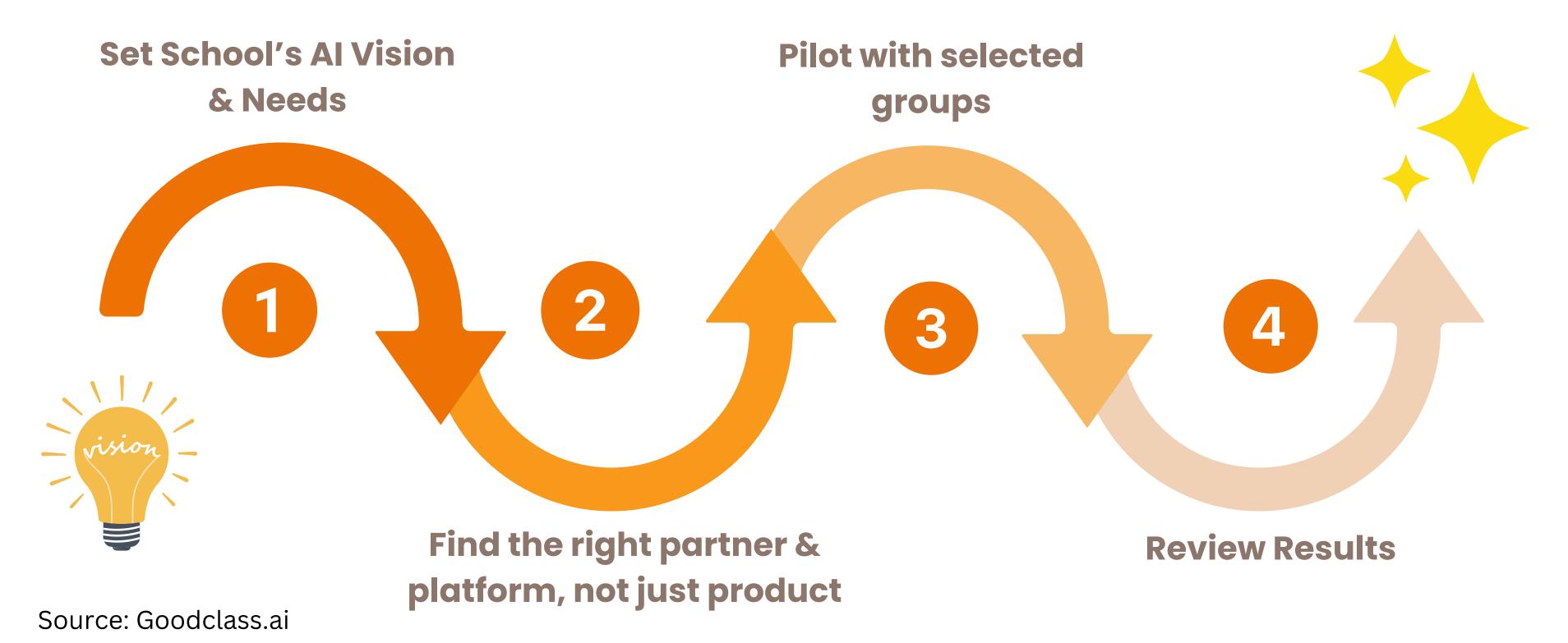
21st March, 2025



Launching Roadmap



Diocesan Boys' School Primary Division







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Writing



Use the Writing Planning Tool and Mindmap for effective pre-writing planning.



Enhance writing with the Feedback Tool and create books with the Story Book Generator to share with peers.



Self-Directed Learning in Speak

Read

English

Listen

Reading



Daily Comprehension Tool to match student reading levels.



Vocabulary Builder Tool expands students' word knowledge, boosting language proficiency.

Speaking



Use the Pronunciation Assistant for feedback to refine pronunciation and improve clarity.



Practise speaking with the Conversation Assistant to enhance fluency and articulate thoughts effectively.

AI Tutor



Ai Chatbot tutor to provide 24x7 support for students' learning needs

Learn

Listening



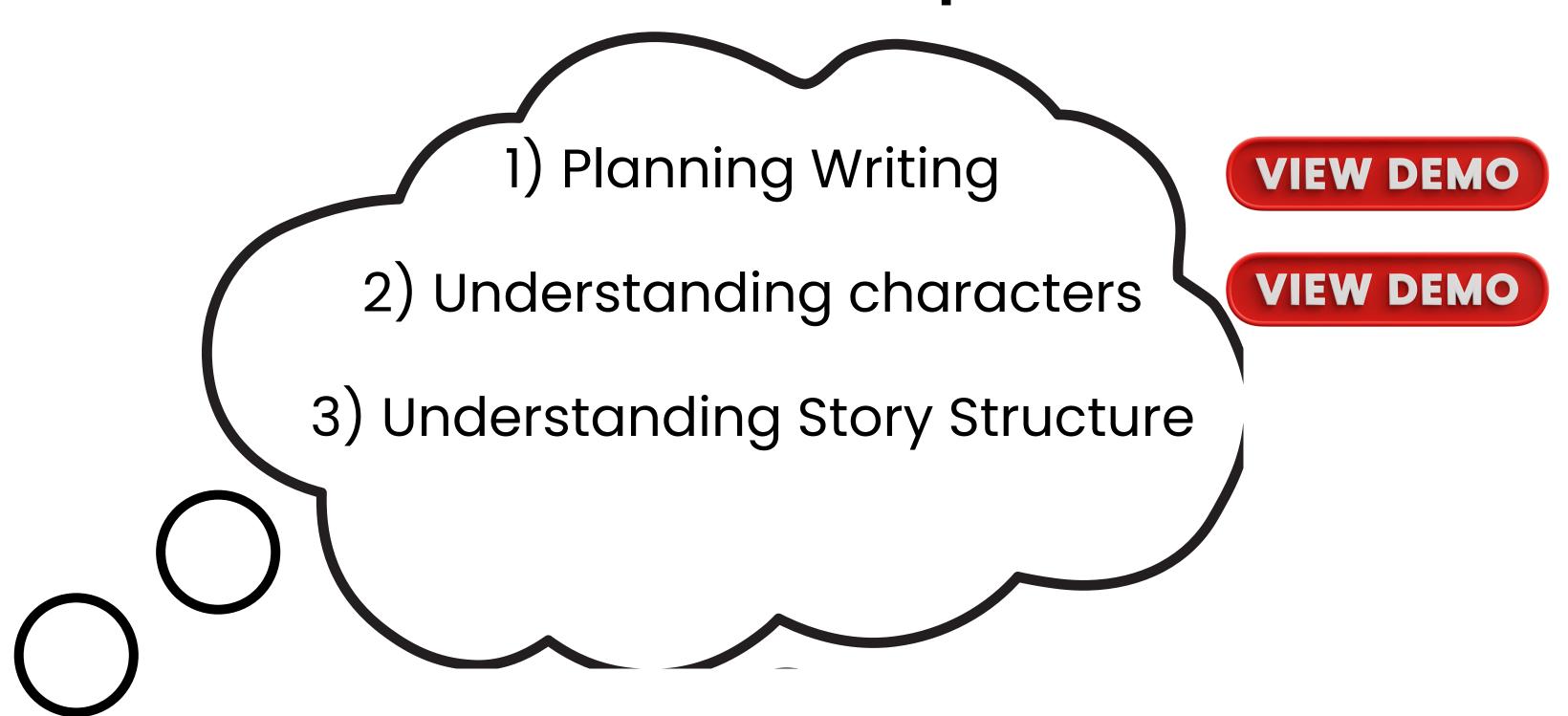
Improve listening skills with exposure to diverse accents and contexts.



Al-Generated Dialogue Exercises offer varied conversational practice.



How to think deeper?



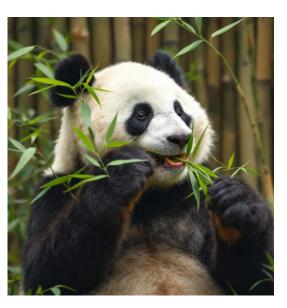
When students are interested in the topic, they will engage in **self-directed learning** even when they are at home

Developing students' writing ideas during the planning stage - Descriptive



A Day in Ocean Park (Travel Journal / Diary / Descriptive essay)





Q1: How to prompt students to think deeper when planning their writing?

VISION HEARING SMELL TASTE TOUCH













Q1: How to prompt students to think deeper when planning their writing?



Outline for "A Day in Ocean Park" Thesis Statement My visit to Ocean Park was an unforgettable school event full of exciting rides, adorable animals, and fascinating experiences about underwater life.

Introduction

- Start with a fun opening sentence: "Have you ever spent a day filled with excitement, learning, and adorable animals?"
- Introduce the topic: A special school event where we visited Ocean Park.
- Briefly mention the highlights: riding the cable car, seeing cute penguins, and meeting a diver to learn about marine life.
- · End with your thesis statement.

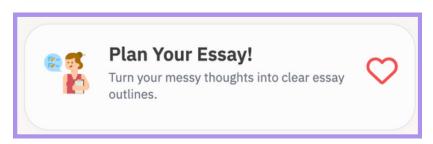
Body Paragraphs

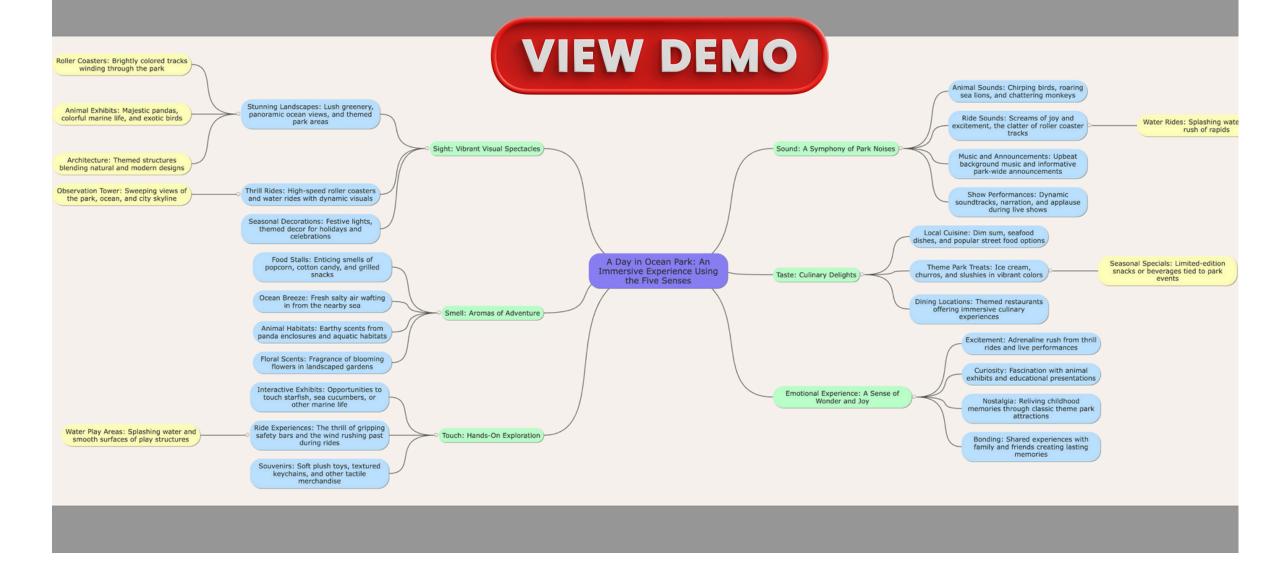
Paragraph 1: The Exciting Cable Car Ride

- Describe the cable car ride: the view of the ocean, the thrill of being high up, and the fun with friends.
- · How did you feel? Excited? Nervous?
- What did you see from the cable car? (e.g., the park, the sea, or maybe even dolphins!)

Paragraph 2: The Adorable Penguins

- Describe your visit to the penguin exhibit.
- What did the penguins look like? (e.g., "They were small, black and white, and waddled cutely.")
- Why did you find them cute and lovely? (e.g., the way they swam or played.)
- Did you learn something interesting about penguins? (Ask yourself: What do penguins eat? Where do they live?)





pick one example for each sense and jot down notes in planning sheet

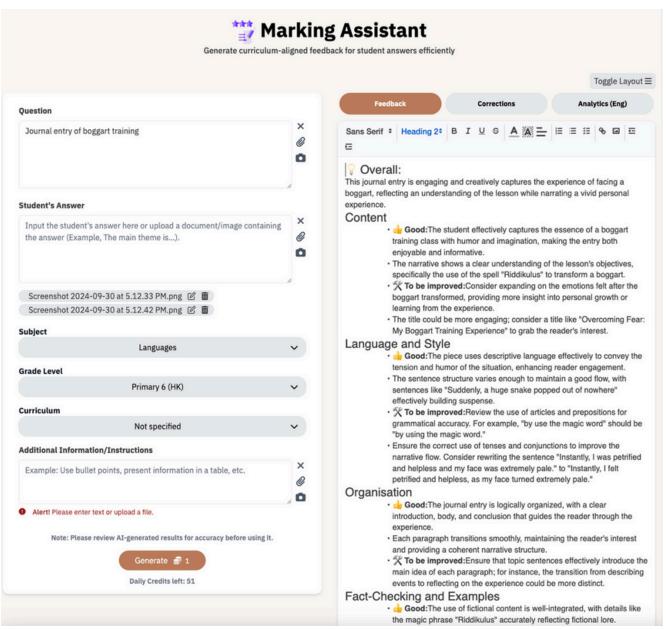
Mind Map Generator

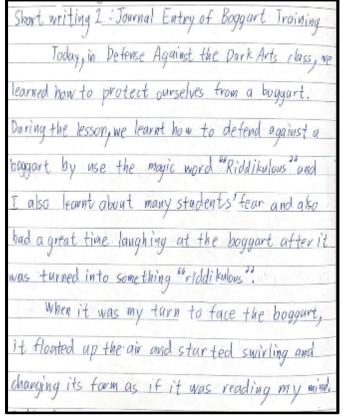
Create mind maps for brainstorming, problem solving, and note-taking

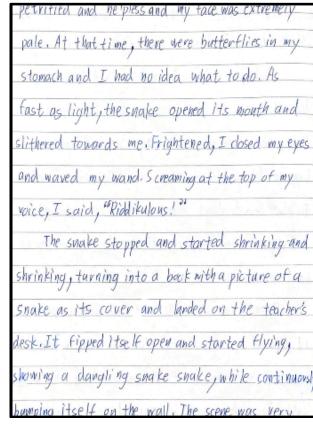


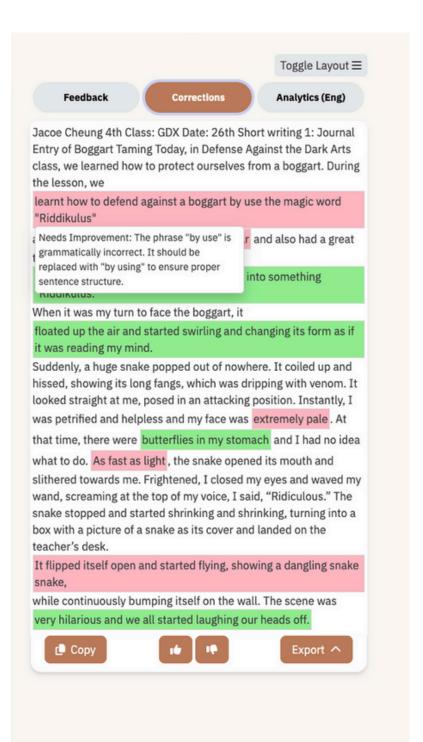
After finished writing

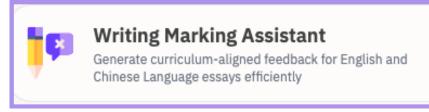
receive feedback at home at own pace











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Q2: How to understand the characters better?

Reader/ Literature Studies Character: Mr. Julius Solway

Restart by Gordon Korman

- An ex-war hero who resides in an elderly home
- Develops friendship with the main character Chase Ambrose while he was performing community service to make up for his misconduct
- Agrees to be interviewed by Chase for the National Video Journalism Contest

Q2: How to understand the characters better? Traditional Approach: Hotseating

Are you happy with....?

Why didn't you?



How does make you feel?

Why did you?

Explain why you acted in that way?

What do you think about?

Q2: How to understand the characters better?

How about:

Interactive Character Interviews (Grade 6)

- **Before the interview:** Prepare list of questions to ask the characters
- During the interview: Jot down the ideas and compile an interview article (around 300-400 words)
- After the interview: Present their interview results in class



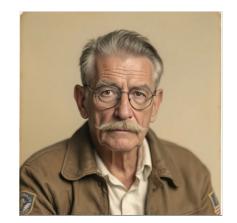


English Reader: Restart by Gordon Korman

Selected 4 main characters and built 4 agents



Chase Ambrose



Mr. Julius Solway



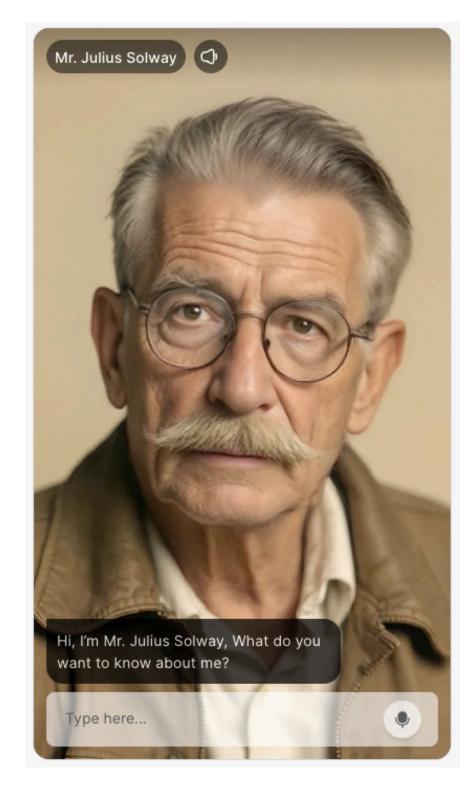
Brendan Espinoza



Joel Weber

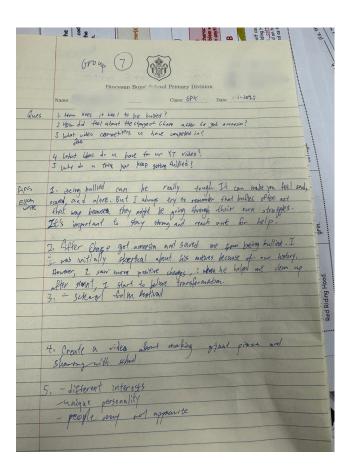


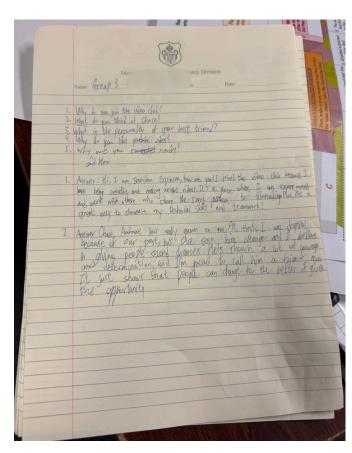




Student can Interview their target characters at school or at home





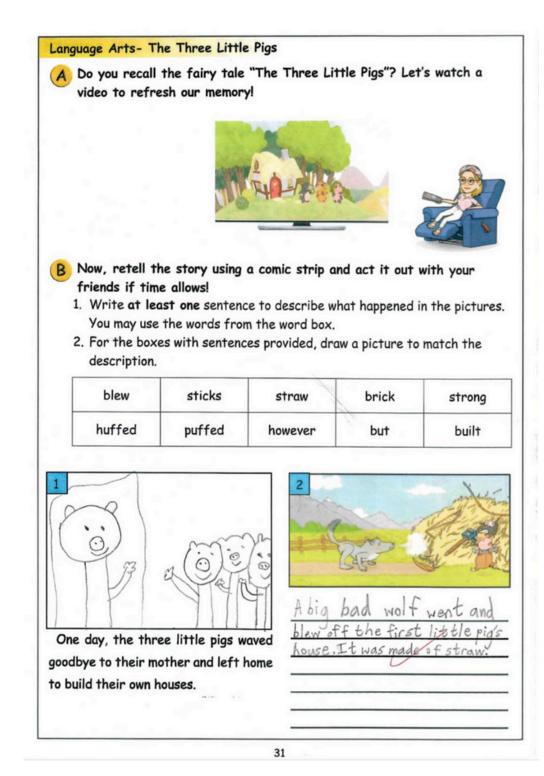


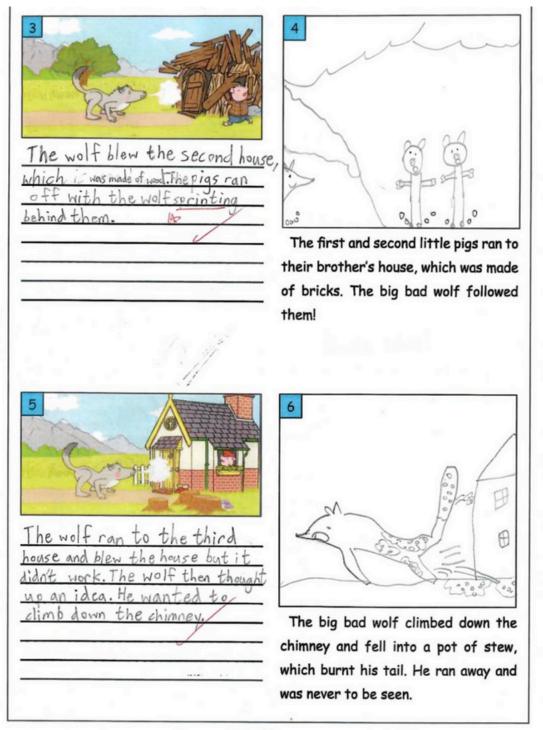
- Critical thinking and analysis
- Active listening, perspective-taking and interview skills
- Communication and writing skills
- confidence in public speaking
- Values learnt through character's actions and development

Write a story and come up with an original ending



(TSA Writing Paper)





TSA Writing Paper

Flipped Fairy Tales

Q3) How to understand the story structure better?





Q3) How to understand the story structure better?

How about....

making an actual storybook?

Q3) How to understand the story structure better?

Making a Story Book (Grade 2)

Activity:

- Students are encouraged to write their own story based on a well-known story
- Generate it into a story book with illustrations and share with friends and family

Objectives:

- Promote creativity and story-telling writing skills
- Build confidence in story-telling with friends and family
- Understanding story structure better
- Cultivating values and morals through delivering the story





Storybook Generator

Generate interactive storybooks with AIgenerated illustrations





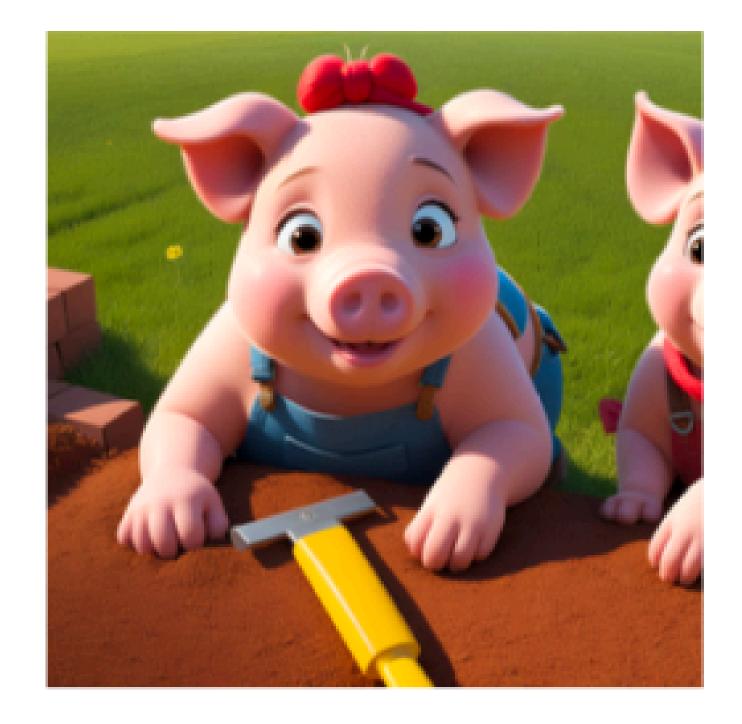
Once upon a time, three little pigs lived happily in a sunny meadow. They decided to build their own houses to stay safe and cozy.

Page 1 of 8



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The first pig built a house of straw, the second pig built a house of sticks, and the third pig worked hard to build a strong house of bricks.

Page 2 of 8

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The pigs invited the wolf inside and asked why he was trying to blow their houses down. The wolf admitted he was lonely and just wanted friends.

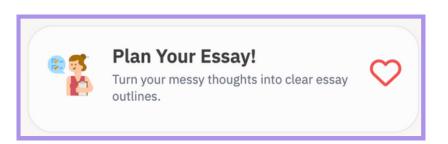
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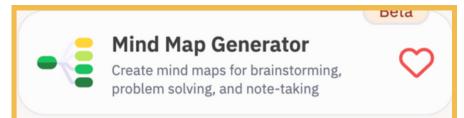


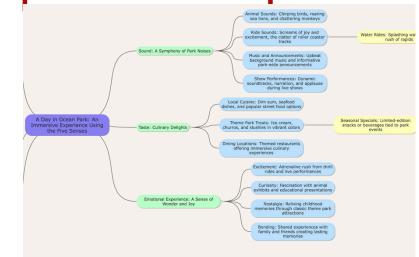


Harness the power of AI to help students think deeper...

Q1: How to prompt students to think deeper when planning their writing?







Q2: How to understand the characters better?





Q3) How to understand the story structure better?



