

# AI AND INNOVATION IN EDUCATION

*Bex Rose*



**Growth  
Culture**  
[www.growthculture.co.nz](http://www.growthculture.co.nz)

*Empowering Leaders.  
Transforming Communities.* |

***GENERATIVE AI***

***Popular Generative AI***

***Chat GPT***  
***Perplexity***  
***Claude***  
***Gemini***

# ***Generative AI can support teachers ...***

- ***Generate story prompts based on a theme or student-chosen keywords.***
- ***Create personalised maths problems***
- ***Create personalised reading passages***
- ***Create rubrics***
- ***Generate activities to support objectives***
- ***Generate open ended assessment activities***
- ***Generate cloze activities to accompany a video***
- ***Generate sentence starters***

# IT'S ALL IN THE PROMPT

**PRIME**

**Persona:** Identify your role. This gives context to your request.



**Prompt**

**Aim:** State your objective so Gemini can focus on your desired outcome.

**Recipients:** Specify the audience. This step gives GenAI the information it needs to tailor language, tone, and content to resonate with recipients.

**Theme:** Describe the style, tone, and any related parameters.

**Structure:** Note the desired format of the output: bullet points, in code, even emojis.

# PROMPT IDEAS (TEACHERS)

Prompts by Bex Rose | Growth Culture | [bex@gcla.co.nz](mailto:bex@gcla.co.nz)

## **BASIC PROMPTS**

### Prompt 1

- Persona: Curriculum planner
- Aim: Create a thematic unit plan for Year 2 students centred around New Zealand native birds.
- Recipients: Year 2 students
- Theme: Our Feathered Friends. Incorporate science, literacy, and art.
- Structure: Outline format including learning objectives, activities, assessments, and cross-curricular links.

### Prompt 2

- Persona: Classroom teacher
- Aim: Develop a differentiated phonics lesson for Year 1 students with varying reading levels using Māori phonemes.
- Recipients: Year 1 students
- Theme: Māori alphabet
- Structure: Step-by-step lesson plan with clear instructions, activities for different ability groups, and assessment criteria.

### Prompt 3

- Persona: SENCO
- Aim: Generate a comprehensive SENCO report for a Year 3 student

Hello.

How can I help you today?

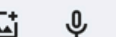
Find hotels in Phuket for a week, and suggest a packing list

Give me tips for how to grow my YouTube channel

Create an image of an intergalactic event

Give me phrases to learn a new language

Enter a prompt here



***How can we use AI to help us in our teaching roles..***

# **BRISK chrome extension**

- **Effortless Lesson Creation:** Build lesson plans, rubrics, quizzes, and more directly from your materials.
- **Fast & Focused Feedback:** Provide rubric-aligned feedback with ease.
- **Student Insights at a Glance:** Gain instant visibility into student progress during assignments.

**Digital Stickers**  
Microsoft Designer

## **Questionwell.ai**

**Generate an endless supply of standards-aligned questions and learning resources, then export to your favourite platforms**

## **Fliki**

- **Fliki AI offers video creation using AI voices. Create videos from scripts or blog posts with ease. Make videos in your regional languages within two minutes.**
- **Prompt HERE**

# **Magic School**



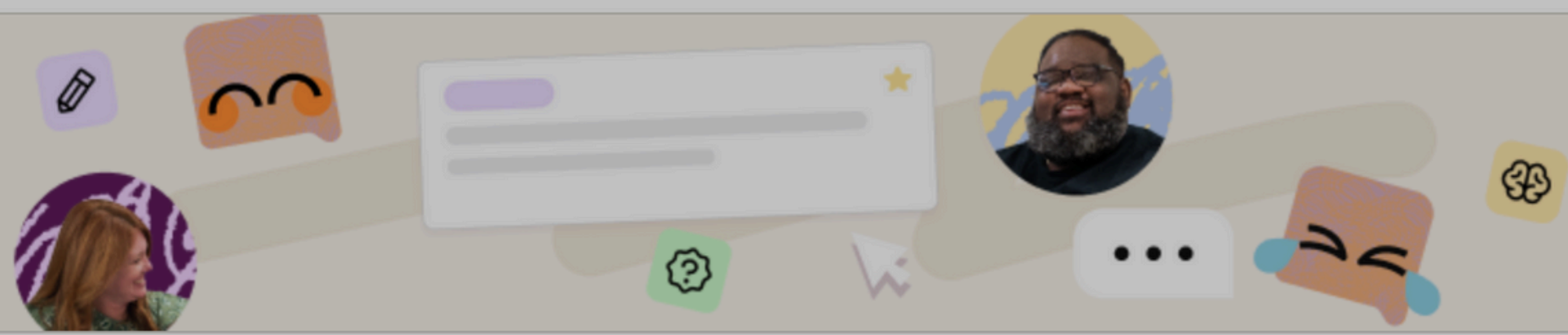
**Free and paid versions**  
**60+ tools**  
**Filter by categories**  
**Has an AI chatbot built in**  
**Decodable text generator**  
**Sentence starter generator**

## **Diffit**

**Free and paid versions**  
**Create text activities at differentiated levels**  
**Export to multiple Google tools already formatted**  
**Will create a text or upload existing one**  
**Can be used with PDFs**

## Khanmigo Tools

Free AI powered tools designed to save you time and improve instruction!



All

Plan

Create

Differentiate

Support

Learn

# KAHNMIGO!



### Chunk Text

Break complex text into smaller sections for easier student comprehension.



### Class Newsletter

Produce engaging newsletters to keep parents informed about class activities.



### Class Snapshot

Review your students' performance and trends.



### Clear Directions

Generate concise, easy-to-follow instructions for assignments and activities.



### Discussion Prompts

Craft engaging prompts to stimulate meaningful classroom discussions.



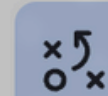
### Exit Ticket

Create quick end-of-lesson assessments to check student understanding.



### Fun Class Summary Poem

Transform memorable class moments into a creative poetic recap.



### IEP Assistant

Streamline the creation of Individualized Education Plans.



### Informational Text

Create informational text for a variety of topics.

**BEX'S FAVOURITE**



# **PROMPT HELP**

## **Prompt for Principals BOT report**

- **Develop a comprehensive BOT report outlining key learnings and actionable insights from the School of Innovation by Growth Culture conference. Your report should address the following:**
- **The evolving role of AI in education and its potential impact on schools**
- **Practical applications of AI tools and techniques to enhance teaching and learning**
- **Strategies for developing a robust digital strategy, informed by the Westbourne Grammar School model**
- **The critical role of leadership in driving educational innovation**
- **Please include specific examples and actionable recommendations based on the conference sessions and presentations.**

## **Additional Notes:**

- **Share your thoughts on the potential of Google tools (Read Along, Gemini, Flex) for repurposing existing technology.**
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# PROMPT HELP

**Develop an AI Policy for a New Zealand Secondary School**

**Develop a comprehensive AI policy for a New Zealand secondary school. The policy should outline the school's stance on AI use, establish guidelines for students, staff, and parents, and address ethical considerations.**

**Key Considerations:**

- **Alignment with New Zealand's Digital Strategy:** Ensure the policy aligns with the broader national digital strategy and relevant education frameworks.
- **Reference Australian Precedents:** Consider incorporating elements from existing AI policies in Victoria and New South Wales, such as those related to academic integrity, student safety, and data privacy, while adapting them to the New Zealand context.
- **Unique New Zealand Focus:** Address specific challenges and opportunities related to AI in New Zealand's education system, including potential disparities in access and digital literacy.
- **Ethical Framework:** Develop a strong ethical framework for AI use, including principles of fairness, accountability, transparency, and privacy.
- **Educational Benefits:** Emphasize the potential of AI to enhance teaching and learning while mitigating risks.
- **Stakeholder Involvement:** Outline processes for policy review and update, including mechanisms for input from students, staff, parents, and the wider community.

**Potential Policy Areas:**

- **Definition of AI and its applications in education**
- **Ethical guidelines for AI development and use**
- **Student use of AI for learning and assessment**
- **Staff professional development in AI**
- **Data privacy and security related to AI**
- **AI and digital citizenship education**
- **Collaboration with external AI providers**

**Deliverables:**

- **A draft AI policy document for a New Zealand secondary school**
- **A rationale for policy decisions, including justification for key provisions**
- **Recommendations for implementation and evaluation of the policy**

**By combining the strengths of existing Australian policies with a focus on New Zealand's unique educational landscape, you can create a robust and effective AI policy for your school.**

# PROMPT HELP

## Develop a Job Description for a Director of Digital Pedagogy

### Task:

Create a comprehensive job description for a Director of Digital Pedagogy position in a NZ school. This role will be instrumental in driving the school's digital transformation and enhancing teaching and learning through innovative technology integration.

### Key Considerations:

- **Alignment with School Vision:** Ensure the job description reflects the school's overall mission and strategic goals for digital education.
- **Leadership and Vision:** Clearly define the leadership responsibilities of the role, including setting the vision for digital pedagogy and building a strong digital learning culture.
- **Pedagogical Expertise:** Outline the required knowledge and experience in educational technology, curriculum development, and instructional design.
- **Technology Integration:** Emphasize the ability to select, implement, and evaluate educational technology tools and platforms.
- **Staff Development:** Describe the role's responsibility for professional development and coaching of teachers in digital pedagogy.
- **Data Analysis:** Highlight the importance of data-driven decision making and the ability to analyze student performance data to inform instructional practices.
- **Collaboration:** Emphasize the need for strong collaboration with teachers, administrators, and other stakeholders.
- **Future-Oriented:** Position the role as a catalyst for innovation and adaptability in response to emerging educational technologies.

### Potential Job Responsibilities:

- Develop and implement a comprehensive digital pedagogy framework for the school.
- Lead professional development initiatives to enhance teachers' digital literacy and instructional skills.
- Collaborate with curriculum leaders to integrate technology into teaching and learning.
- Evaluate and select educational technology tools and resources.
- Provide technical support and troubleshooting for staff and students.
- Analyze student data to inform instructional decisions and improve outcomes.
- Stay current with educational technology trends and best practices.

# ***MORE SUPPORT***

- **Build your School AI dream team (include a member from each team/syndicate - across school**
- **Bex can meet with you 2x per term - updates, coaching, answer questions**
- **Visit [www.growthculture.co.nz](http://www.growthculture.co.nz) for more summits, workshops, leadership, learning!**

# AI SUMMIT

(Steve from Google, Sam Gibson (Ex Google), Bex

Pāpāmoa

3 September

Auckland

6 Sept

Christchurch

17 Sept

# CONNECT WITH US



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# *Strength to* **STRENGTH**

***Empowering Leaders through Informed Assessment***

- ***Empower Smarter Assessments:*** Learn to seamlessly integrate effective assessment practices into your curriculum.
- ***Strength to STRENGTH Programme:*** We guide you in developing informative assessments that celebrate individual strengths.
- ***Comprehensive Support:*** Get all the help you need, every step of the way
- ***Accessed through RAPLD (MOE funded PLD).***



# ***AI to enhance Assessment***

***Empowering your school through authentic/differentiating Assessment***

- **Empower Smarter Assessments:** Learn to seamlessly integrate effective assessment practices into your curriculum.
- **Empower leaders with change management techniques:** We will support your digital team in driving the change needed to support adoption of AI
- **Comprehensive Support:** Coaching calls, in person, group or whole staff.
- **Accessed through RAPLD (MOE FUNDED PLD).**



# ***Leadership Programmes***

***Empowering Leaders. Transforming Communities***



- ★ **Kahui Ako Principals** - send your Kahui Ako Leaders = 25% off for more than 3
- ★ **Bring a friend** - referral = \$ cash back
- ★ **If two from the same school** = \$500 scholarship
- ★ **Any workshop/summit delegates** = \$500 scholarship into Emerging, Aspiring or Executive Programme
- ★ **Sign up before November** = \$250 off
- ★ **SENCO/LSC = Aspiring** = 25% off more than 3 from your Kahui Ako







# Growth Culture



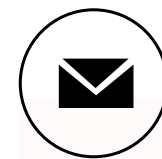
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