

AI in Context

Leveraging disruption for learning



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Let's Connect!

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Agenda

- Stage 0: Knee Jerk
- Stage 1: Philosophical
- Stage 2: Action
- Stage 3: Strengthen
- Stage 4: Plan and Repeat





Call to action: AI Gap

What happens if we do? What happens if we don't?



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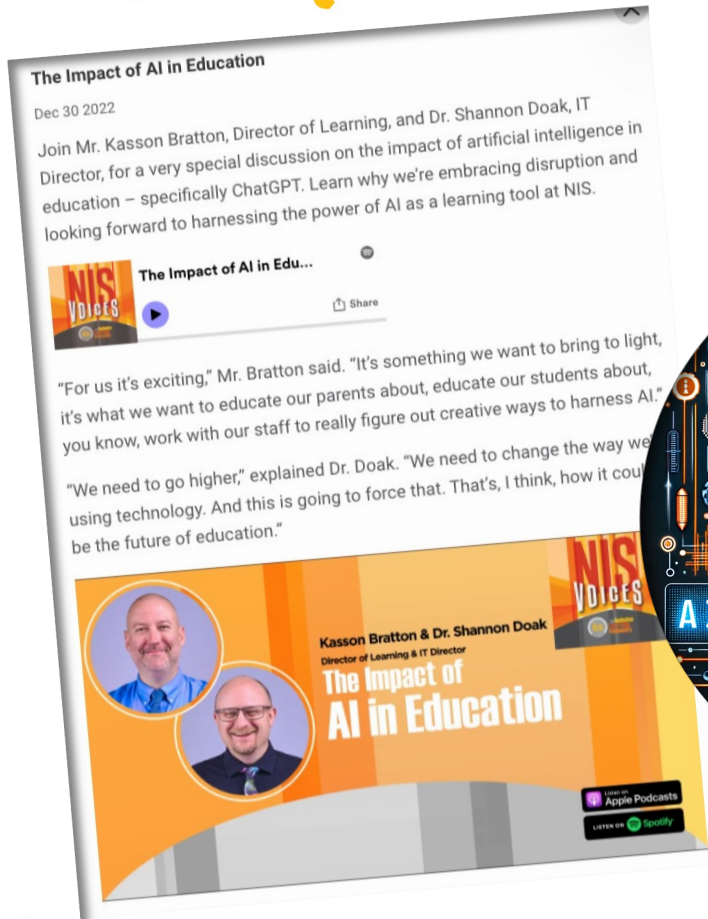
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Stage 0: Knee Jerk



Discussion & Podcast

Getting things going!



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1.0 Do's and Don'ts

NIS AI Do's and Don'ts (Version 1.0)

The guidance below represents our current position regarding student AI use as of June 2023

Do

- Assume students have access to generative AI technology both at school and at home.
- Remind students of [NIS academic honesty](#). "Plagiarism is the representation of the ideas or work of another person **or entity** as your own. This includes using and/or paraphrasing the ideas of others without citation and **submitting the work of AI software such as ChatGPT or Poe.com as your own.**"
- Teach [APA AI citation](#), if needed. Our [NIS APA Style Guide](#) is also here.
- Be present in the process. Leverage conferring, check-ins, and portfolios.
- Be clear about the extent to which AI can be used in the task.
- Use Turnitin.com via Managebac drop box as a matter of practice for both the similarity index and the AI report. Our NIS Guide to using [AI Detection in Managebac](#) is located here.

Don't

- Sign students up for AI accounts. This is a data protection concern.
- Expect students to have AI accounts to complete tasks. Not all of them do and not all parents want them to.
- Assume that AI detectors are completely reliable. They can be used but are not always accurate.

If you think a student has use AI software to create something and submit as their own...

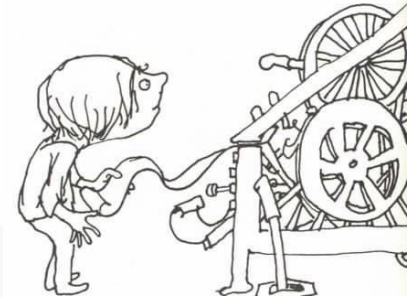
- Recognize that we are all on a learning curve with this, students included.
- Compare to previous, in-class work (just like we would usually do).
- Have a conversation (not an interrogation). Focus on their process. How did they use the tool? If they used it on elements/criteria that are not assessed, is this a problem? Treat this as a learning opportunity.
- If you determine that they have used AI in an academically dishonest way (or in a way that you are assessing the work of AI and not the student) then treat this the same way you might with any academic dishonesty issue. This includes asking the student to redo all or some of the assignment, use an additional conversation/oral assessment to determine the student's skill level or understanding, and/or ask them to add correct APA citations. Always report to the Secondary Principal.
- If it is an assessment that will be submitted externally, the work must be original work with correct APA citations. Be sure the student is clear that any academic dishonesty could put their IB Diploma in jeopardy. Always tell the Secondary Principal and Coordinator.

Version 1.0 June 2023

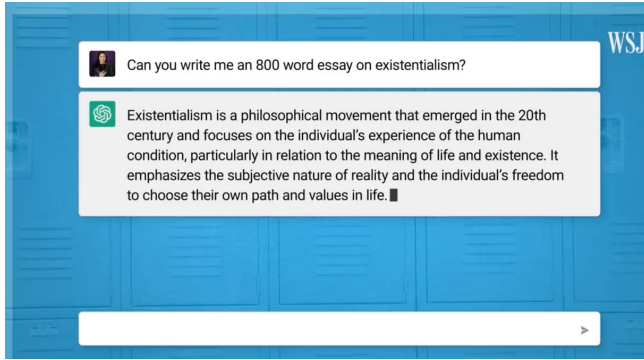
Grade 10

HOMWORK MACHINE

The Homework Machine, oh the Homework Machine,
 Most perfect contraption that's ever been seen,
 Just put in your homework, then drop in a dime,
 Snap on the switch, and in ten seconds' time,
 Your homework comes out, quick and clean as can be.
 Here it is—"nine plus four?" and the answer is "three."
 Three?
 Oh me . . .
 I guess it's not as perfect
 As I thought it would be.



a skeleton wearing a ripped hoodie taking a chemistry exam with a tired and puzzled face in a black room, realistic



50 Awesome ChatGPT Prompts



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China as a Global Power

China is a global power, and it has been recognized as such for centuries. Throughout history, China has played a central role in world affairs, and today it is no different. With the world's largest population and a rapidly growing economy, China has the potential to shape the future of the world in many ways.

One of the most significant ways that China has become a global power is through its economic growth. In the past few decades, China has experienced an unprecedented level of economic development, and it is now the world's second-largest economy. This growth has been fueled by a combination of factors, including a huge domestic market, low labor costs, and favorable government policies. As a result of this growth, China has become a major player in the global economy, with significant investments in countries around the world and a central role in many international trade agreements.

In addition to its economic power, China is also a global military power. With the world's largest standing army, China has the ability to project its military influence around the world. It has a modern navy that is expanding rapidly, and it has also developed a significant arsenal of nuclear weapons. While China's military capabilities are still not on par with those of the United States, it is rapidly closing the gap, and it is clear that China will play an increasingly important role in global security in the coming years.

China's growing influence is also evident in its global cultural impact. As its economy has grown, so has its cultural influence, with Chinese movies, music, and other forms of popular culture reaching audiences around the world. Additionally, China's cultural and historical heritage is a source of fascination for people around the world, and its ancient civilization has had a lasting impact on the way that people think about the world.

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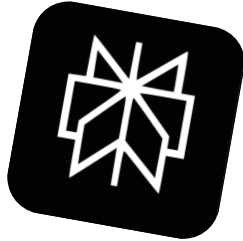
Academic Honesty Statement

NIS Academic Honesty
Statement

Version: 2.0
January 2023

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Lunch Byte PD Sessions



Nanjing International School

Lunch Byte PD Session

AI Art Generators

Presenters
Shannon,
Ken and Kyle

12:30-12:55
D243

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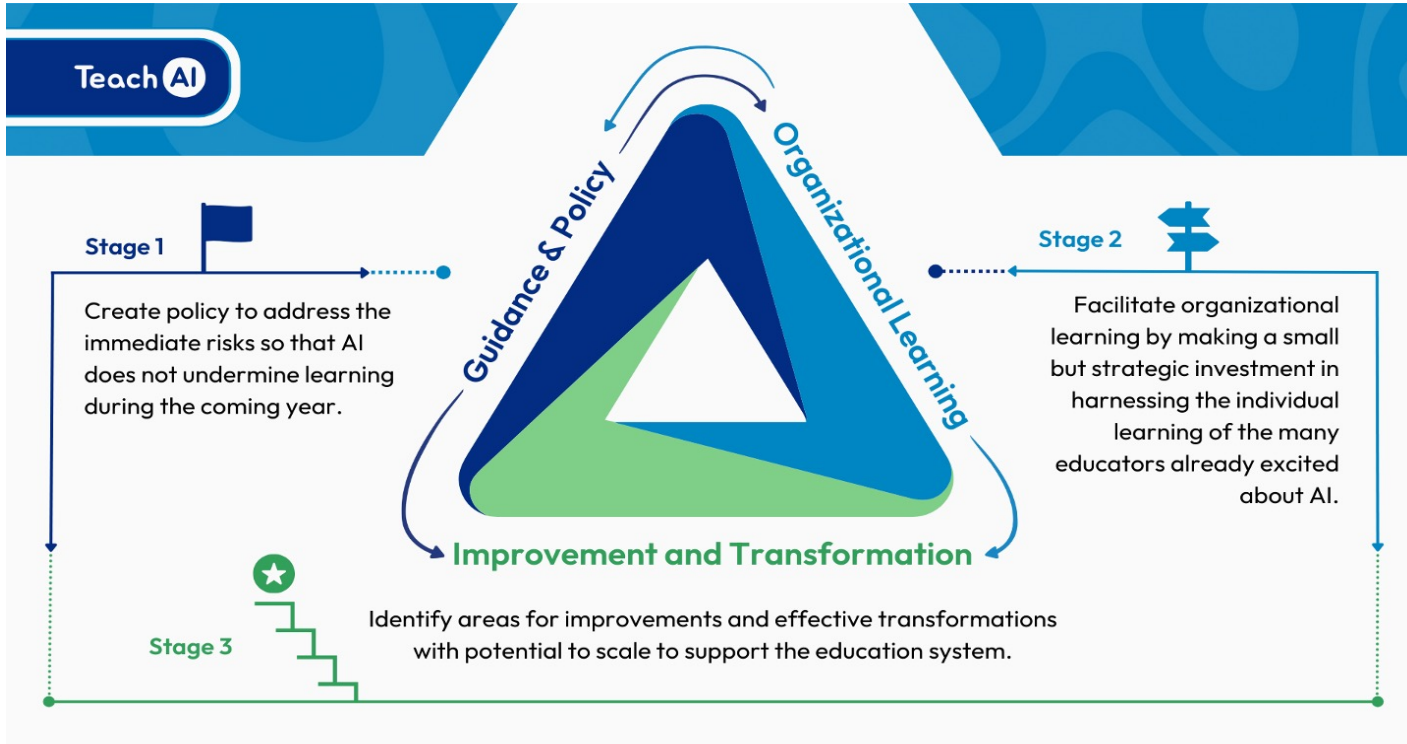
Stage 1: Philosophical



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Began with the question: Where are we with AI?

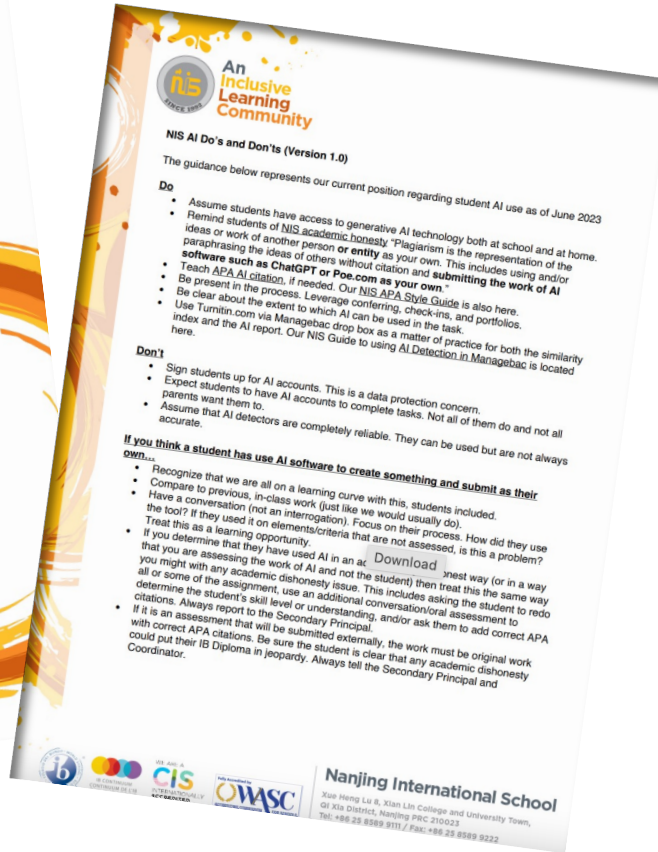
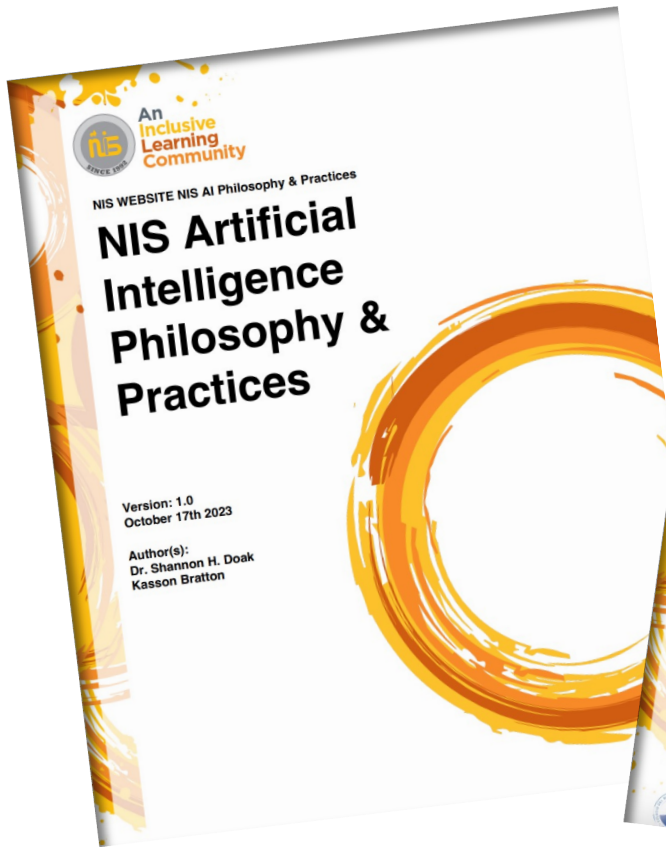


CHECK IT OUT!



<https://www.teachai.org/toolkit>

Philosophy & Practices



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P.R.O.M.P.T.S.
Assessment
with A.I. in Mind

P **Prioritize Process**

- Plan more frequent milestones and check-ins
- Co-create assessment timelines with students
- Amp up formative feedback along the way

R **Remain Relevant**

- Use recent resources that A.I. is less familiar with
- Tap into current events and student interest
- Base tasks on students' lived experiences

O **Offer Alternatives**

- Video/podcast/product design/drama/art/music
- In-person seminars/debates/interviews
- 1:1 formal discussions with the teacher

M **Make it Personal**

- Build in consistent conferring routines
- Have students help revamp tired tasks
- Co-create assessments and prompts

P **Plan to Portfolio**

- Smaller, more frequent checks for understanding
- Fewer massive, high-stakes assessments
- Leverage routines to build varied portfolios

T **Try it Out**

- Have A.I. do the assessment and see what it creates
- Have a chat with A.I. about your assessment
- Ask AI to make an assessment task more creative!

S **Source it**

- Update academic honesty policies WITH students
- Explain when/how AI can be utilized on each task
- Create ways students can show if/how A.I. is used

Created and updated by Karson Bratton at Nanjing International School... not by AI (2023)

PROMPTS: Assessment
Prioritize Process
Remain Relevant
Offer Alternatives
Make it Personal
Plan to Portfolio
Try it Out
Source it

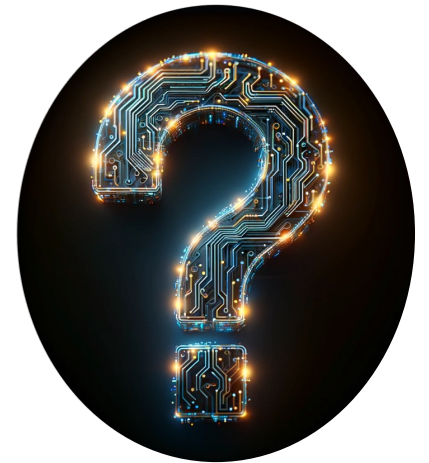


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Student Input

- **138/184 (75%)** of students in the secondary school reported using AI Tools on a regular basis (Chat GPT, Poe, Bard, Papago, etc.) as of November 2023.
- **How can I use these tool appropriately? (15)**
- **How does it work? (10)**
- **How can I use these tools ethically? (7)**



"Three Buckets"

Teacher Use for **Efficiency**

- **Drafting Comments**
- **Editing/Revising Recommendation Letters**
- **Drafting Emails/Comms**
- **Data Analysis**
- **Most Administrative Tasks!**

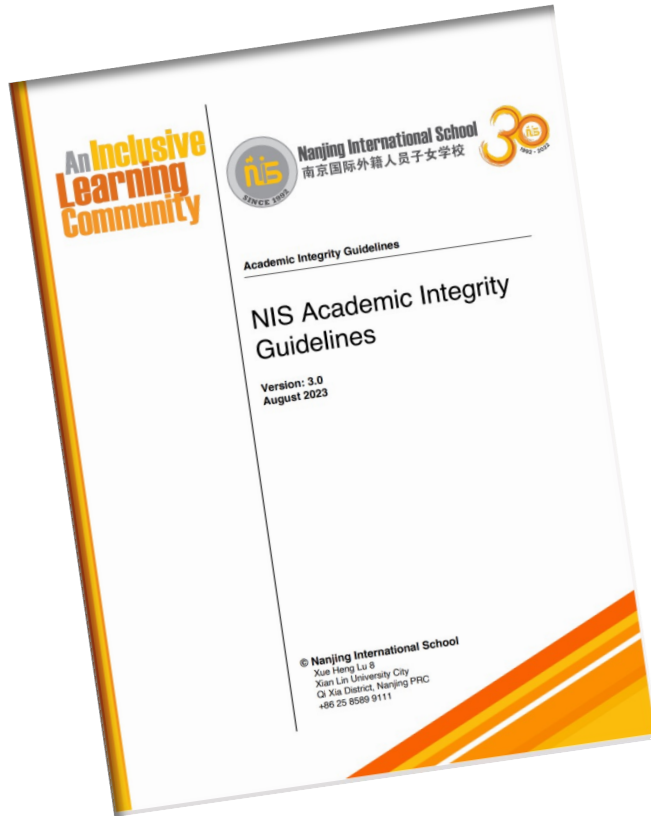
Teacher Use for **Teaching**

- **Creating Exemplars**
- **Recommending Content and Resources**
- **"UDL-ing Lessons"**
- **Creative Assessment Ideas**
- **Drafting Feedback**
- **Generating Questions**

Student Use for **Learning**

- **Intelligent Tutoring**
- **Personalized Feedback**
- **Virtual Simulations**
- **Summarizing Long Texts**
- **Revision Questions/Games for Any Topic**

Academic Honesty



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Stage 2: Action



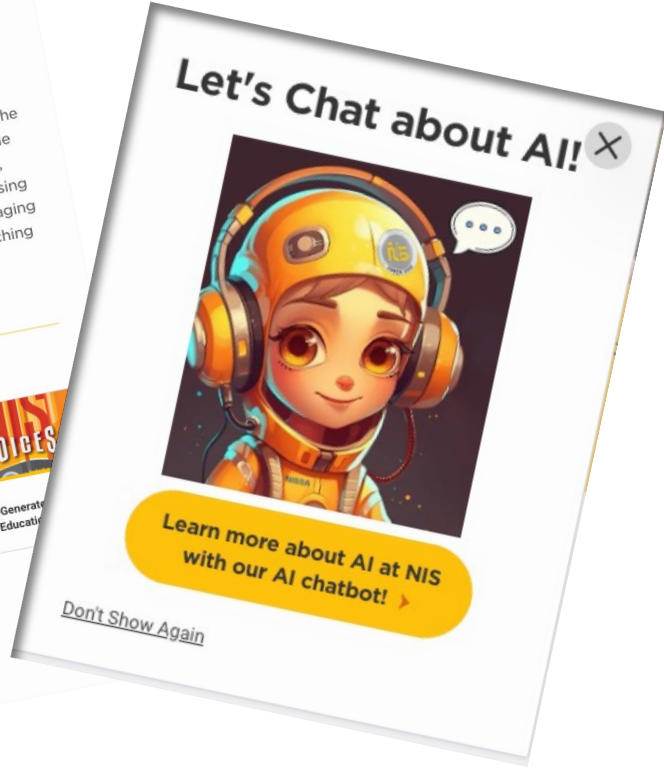
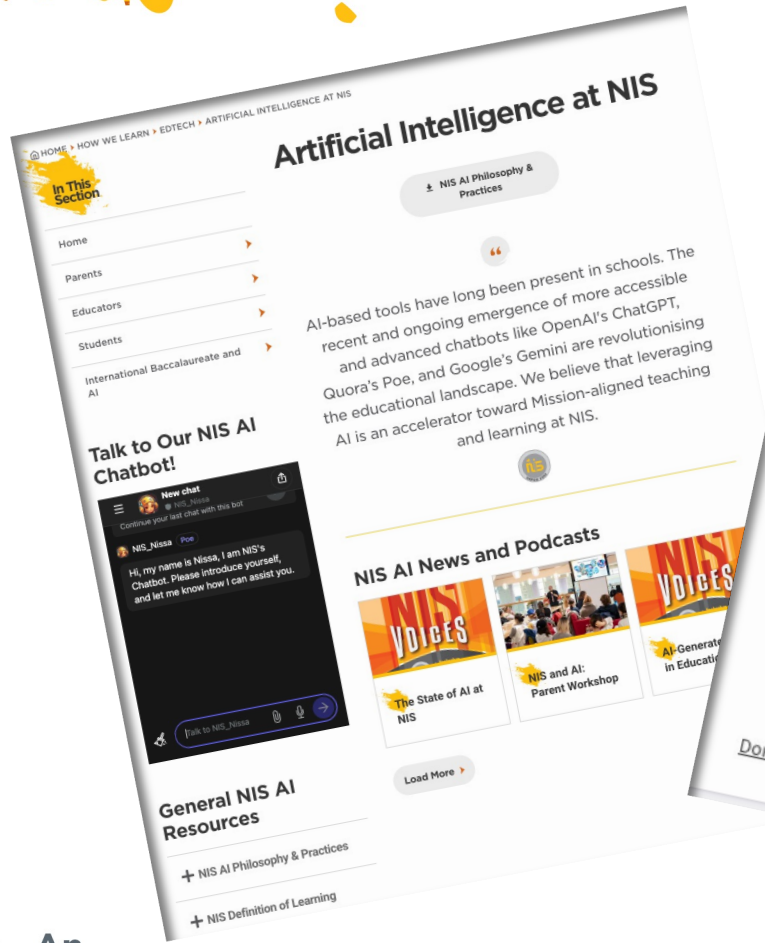
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Parent Sessions



Website & Chatbot



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PD Promotion

Come join us in D243 at 12:30-1:00 to learn more about what NIS's approach to AI will be moving forward.
If you cannot make it, we understand. Please see the resources below.

[HUB Folder with Official Documentation & Support Links.](#)



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Lunch

Byte

PD Session



Nanjing International School
南京国际外籍人员子女学校

Magic Student Intro

MAGIC SCHOOL

Presented by
Shannon & Ken

Tue: 11:30-12:00

Thurs: 12:30-1:00

Place D220

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Next Week on Monday the 27th and Wednesday the 29th from 12:30-12:55.
Come join us as we discover 2 of the top ChatGPT Alternatives for China!



Top ChatGPT Alternatives for China!

Presenters

Shannon & Ken

12:30-12:55
D243

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Grade 9 Pilot



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Grade 9 Pilot

I enjoyed the Lesson that include the use of AI

66% rated between "4 - 5"

Score distribution



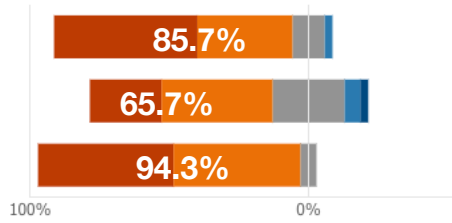
The use of AI assisted me in understanding the content and/or concepts we were covering in the lesson.

■ Strongly agree
 ■ Agree
 ■ Neither agree nor disagree
 ■ Disagree
 ■ Strongly disagree

AI helped me learn the concept better.

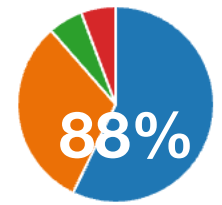
My level of engagement was raised by the use of AI.

AI was a useful addition to the lesson.

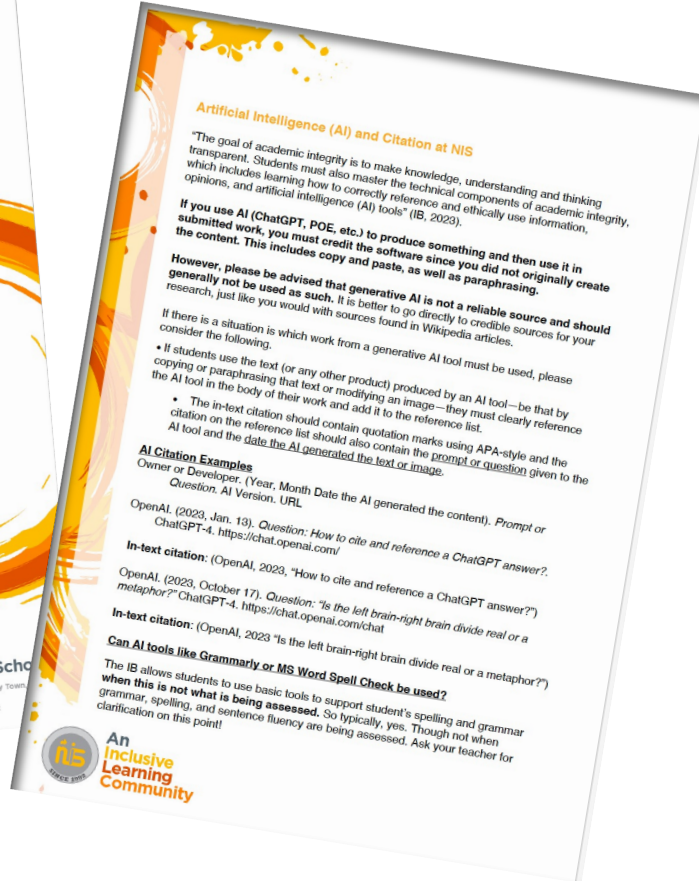
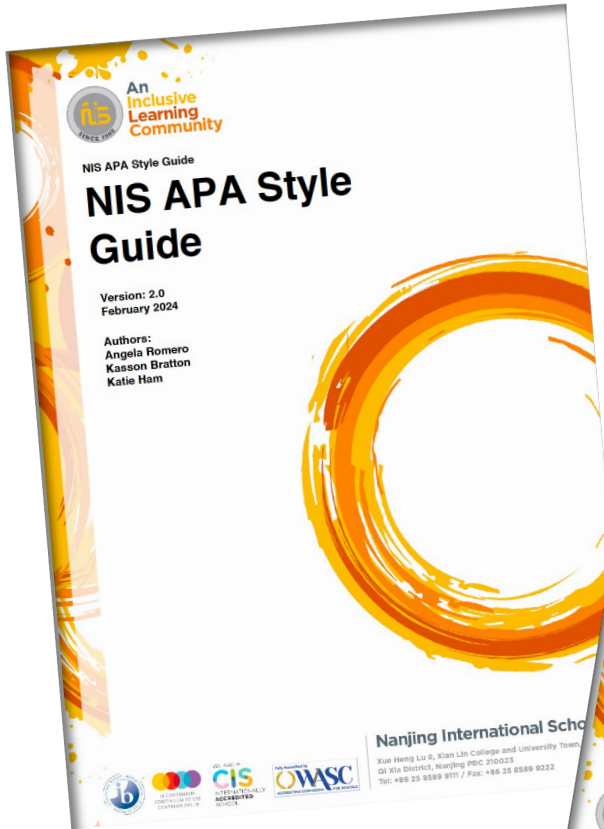


I would like more of my teachers to let us us AI in our learning.

- Strongly agree 20
- Agree 11
- Neutral 2
- Disagree 2
- Strongly disagree 0



APA Update



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Stage 3: Strengthen



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Founding School

Mission and Objectives

AIS' mission is to encourage, support, and guide the optimal integration of AI technologies in international schools.

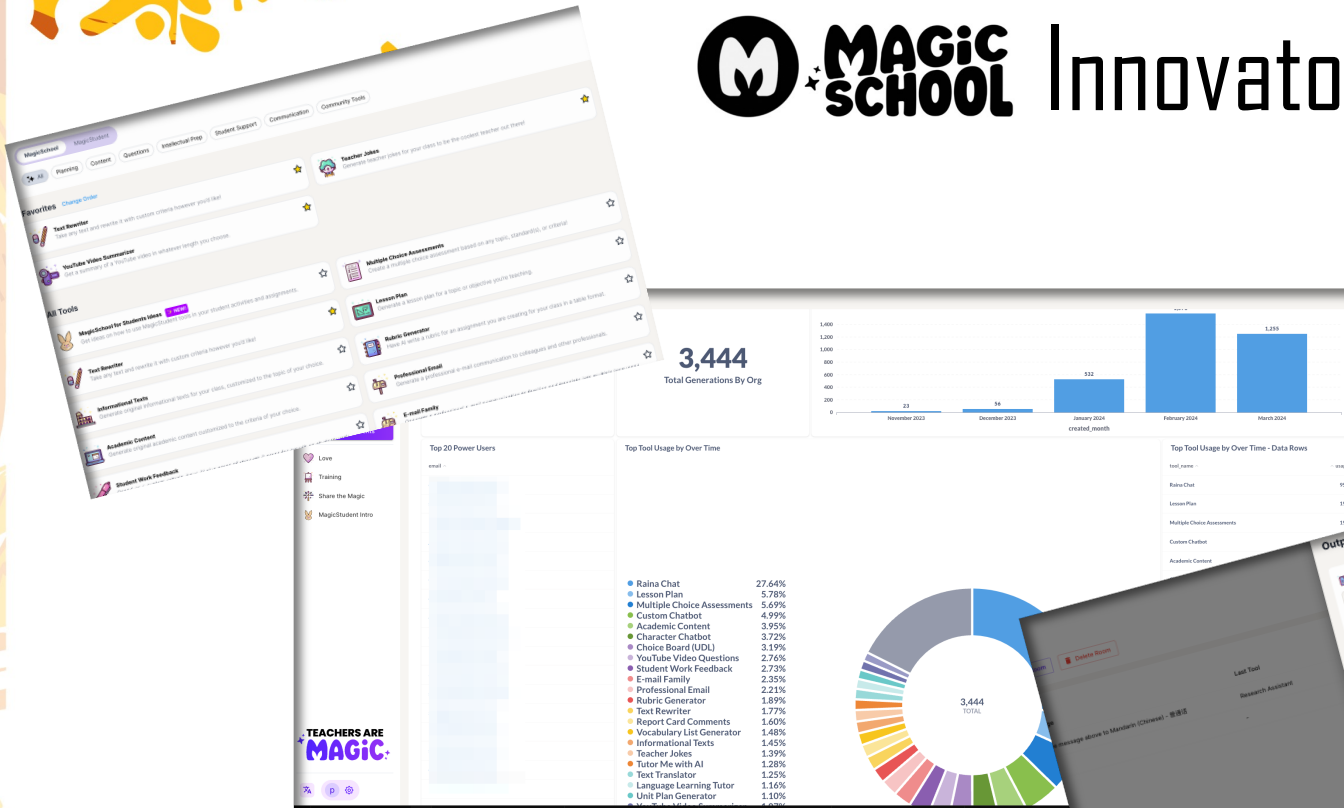
This mission is rooted in the belief that optimal AI integration:

-  Enhances all aspects of education: teaching and learning, school administration, operations, and leadership
-  Is meaningful, with clear relevant goals and measurable impact
-  Is extensive and effective, taking full advantage of innovative opportunities
-  Is human-centered, and thus safe, ethical, and responsible
-  Is adapted to local contexts



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MAGIC SCHOOL Innovator School



Output History for dd

Research Assistant: Ecosystem Balance: A Vital Importance

Describe what you are researching: Importance of balance in ecosystem

Importance of Balance in Ecosystem

Maintaining balance in an ecosystem is crucial for the overall health and sustainability of the environment. Here are some key points to consider when exploring the importance of balance in an ecosystem:

- Biodiversity:** Biodiversity refers to the variety of species within an ecosystem. A balanced ecosystem supports a wide range of plants, animals, and microorganisms, which helps maintain ecosystem stability and resilience.
- Food Chains and Webs:** In a balanced ecosystem, the interactions between different species form complex food chains and webs. Each organism plays a specific role in the transfer of energy and nutrients, ensuring that no single species becomes too dominant or overruns the system.
- Ecosystem Services:** Balanced ecosystems provide essential services such as clean air and water, pollination, and climate regulation. These services benefit both human societies and other organisms within the ecosystem.
- Resilience to Disturbances:** An ecosystem in balance is more resilient to disturbances, such as natural disasters or human activities. Resilient ecosystems can recover more effectively from disruptions and maintain their functions over time.
- Healthy Habitats:** A balanced ecosystem supports diverse habitats that offer the results of various species. By preserving their habitats, we can protect endangered species and preserve the less obvious importance of balance in an ecosystem, you can contribute to the overall health of the planet.

To dive deeper into the importance of balance in an ecosystem, you can explore the following resources for more information:

- National Geographic - Ecosystem Balance**
- World Wildlife Fund - Why are Ecosystems Important?**
- Sustainability - Ecosystem Balance and Biodiversity**

These resources will provide you with valuable insights and examples that illustrate the significance of maintaining balance in ecosystems.

Engage Platform Pilot




Oversight and Control

AI Controlled. Responsibly. For Education.

Most AI tools offer stock options for all schools, not your school.

Don't settle. Build AI that works for you.

Engage gives you the power to control what you deploy, and to whom.

-  **Orchestrate.** Engage gives leadership the ability to plan and implement AI only where it's needed.
-  **Contextualize.** Set standards of use where needed. Allow creativity where desired.
-  **Analyze.** See when AI works, and when it doesn't. Empower people to be better.



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Graduate to Customizable AI

Graduate to Engage, and control how AI is used in your school
Your people. Your practices. Your AI.

[Join our Waitlist](#)



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Usage Guides

AI GUIDANCE FOR STUDENTS

Work with your teachers to determine the extent to which AI can be used on a given assignment. This is largely based on what is being assessed. Our goal is to give feedback that improves your learning, understanding, and academic growth. Grading AI-generated work does not help you learn.

AI? YAY! **AI? No Way!**

Study Partner
AI tools can generate practice problems and give you detailed feedback on your answers. Think of it like a very attentive personalized study partner.

On-Demand Tutor
Have a conversation with AI about any topic... In any language at any reading level. Practice your prompting by asking it questions, seeking clarification, and coming up with creative ways to remember information.

Feedback and Tips
Use AI to get initial feedback on your work. You can even upload the criteria for the assignment and ask for tips to improve! It's important to critically evaluate and decide which suggestions to incorporate.

Capture the Magic!
Use the range of tools in Magic School Student to improve your skills and understanding. Remember to ask your teacher about how it can be used!

Submit AI Work as Your Own
Using AI to complete essays, reports, assignments, or any other coursework and submitting it as if it were your own work is a form of plagiarism. It also does not help you learn!

Assume AI is Always Right
AI is not a reliable source. It does not always produce accurate information. It can lie and hallucinate.

Research for Yourself
Generative AI is not a research tool. It is not giving you accurate (or even real) sources. It's also not good at APA referencing citations.

Input Personal Info
Give details of tools or tools is not to be stolen or agree to process.

Created for the students of Nanjing International School February 2024

CHECK IT OUT!



AI GUIDANCE FOR TEACHERS

Please be clear with students about the extent to which AI can be used within the learning process and on each assignment based on what is (and what is not) being assessed. Look for opportunities for the creative use of AI tools without impacting our ability to assess discrete knowledge and skills.

Do's **Don'ts**

Prioritize Process
Many of the tasks we ask students to do can be done in seconds by AI. More frequent check-ins, increasing formative feedback, and tracking progress digitally can help focus on the process over the product.

Remain Relevant
Tap into current events and topics/events that are personal to students. Base tasks on student's lived experiences. Use current resources and texts that AI is less familiar with (for now).

Leverage AI

- Use Magic School Student to share and curate AI tools to support the learning process.
- Ask AI to complete an assessment. Then, show it to the class and have them score it, improve it, and/or pick it apart.
- Run an old assessment through AI. Ask it for an AI-friendly update.
- Work with the IT Team to make a "Bot." Students can interview and get feedback from anyone that ever lived. You can even make a "bot" of yourself!
- Reach out to the IT Team about piloting AI-based units. This is already underway!

Ignore It
We are confident in our belief that generative AI is here to stay and will only grow more powerful. Ignoring it means we are creating an AI skills gap by not addressing our disadvantage.

Maintain the Status Quo
If a student can use an AI tool to complete an assessment it's not the AI or student's fault, it's the assessment! Let's create new and different ways for students to show what they know. This includes UDL strategies integration.

Go Solo
We can do a lot regarding AI in the class. Some things we cannot: students to sign up for AI platforms without being pilot or holding different expectations than department teaching partners.

Where are all of our AI Resources?
<https://www.nischina.org>
Check them out!

Created for the faculty of Nanjing International School February 2024

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AI GUIDANCE FOR TEACHERS



Please be clear with students about the extent to which AI tools can be used based on what is (and what is not) being assessed. Look for opportunities for the creative use of AI tools like *Magic School* without impacting your ability to assess discrete learning outcomes.

AI GUIDANCE FOR STUDENTS



Work with your teachers to determine the extent to which AI can be used. This is largely based on what is being assessed. Our goal is to give feedback that improves *your* understanding and academic growth. Your teachers grading and giving feedback on AI-generated work does not help you learn.



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Shifting Assessment Practices

MYP French Acquisition: Magic School Song generator with key vocabulary in the style of their choice.

Assessment: Students type original text, Magic School suggests changes, students, explain changes and comment on their accuracy/effectiveness

Custom Chatbots: Topical (plastic pollution) or People (including the teacher)

DP History: Break the bot.

Use AI to do the task, student marks it, then has to make it an 8 in analog.

Prompt business plans from the perspective of the three different economic luminaries. Bring to class. Evaluate in groups to decide which one is strongest most likely to succeed

Steps Forward



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Steps Forward?

Philosophy and Guidance

We highly suggest joining an AI association for international schools like AIS

- **Mission & Strategy Alignment:** How can we ensure that the use of AI is aligned with our school's mission, vision and strategy?
- **Philosophy & Practices:** Create documents that outline school philosophy, beliefs and practices as a guide for teachers and students. Create One Pagers to make implementation easier.
- **Choice of Tools:** Choose a few (2-5) AI platforms or tools that will be the official school tools
- **Legal Considerations:** What laws are applicable to us and how will this impact how we approach AI use in the school?

Steps Forward?

Action / Implementation

- **Community Communication:** Communicate clearly to all members of the school community (Teachers, Students and Parents) about AI integration at the school.
- **Student Communication/Piloting :** Communicate clearly who, what, where, why and how of AI use by students at your school based on documentation. Give examples and run pilots.
- **Faculty Communication:** Explain philosophy & practices. Upskill and train teachers via internal and external PD.
- **Parent Communication:** Explain the process, philosophy, practices and what they can do to support their child/ren.

Steps Forward?

Reflection/Strengthen

- **Measure:** Measure the impact AI is having on teaching and learning, administrative functioning, teacher workload etc...
- **Reflect:** Review, documents, and ensure they are updated to reflect changes in the AI space.
- **Update:** Update documents if needed
- **Adjust:** Adjust approaches and training as needed to fit new reality.
- **Communicate:** Communicate to community about changes as needed.

Steps Forward?

AI Responsiveness Questionnaire

Have AI help you in your next steps!

AI Responsiveness Questionnaire

Hi! I am here to help you asses your school's AI responsiveness level and plan your next steps by asking you 10 questions. Are you ready start?

Type here



<https://ai-responsiveness-questionnaire.zapier.app/chat>



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Questions?

