

國立新竹科學園區實驗高級中等學校 函

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發文日期：中華民國114年1月10日
發文字號：園校教字第1141000103號
速別：普通件
密等及解密條件或保密期限：
附件：如說明五 (A103C0000U_1141000103_doc1_1_Attach1.pdf)

主旨：函轉通知New Pedagogies for Deep Learning國際組織
(簡稱NPDL) 舉辦之「2025 虛擬全球深度學習實驗室」
(Virtual Global Deep Learning Lab 2025) 活動資
訊，敬請貴校師長踴躍參與。

說明：

- 一、「2025 虛擬全球深度學習實驗室」以線上形式舉行，旨在促進教育者對深度學習的認識與實踐，並提供全球教育者互相交流合作的平台。
- 二、活動資訊：
 - (一)日期：2025年2月19日(星期三)
 - (二)時間：上午9:00至下午2:30(太平洋標準時間，PST)
 - (三)形式：Zoom線上虛擬會議
 - (四)費用：免費
- 三、注意事項：
 - (一)會議將於上午9:00(PST)開始，請提前登入。
 - (二)請將Zoom帳號名稱更改為您的姓名和所代表的國家。

(三)建議開啟攝像頭參與互動。

四、詳細活動內容請參見本文附件及以下相關連結：

(一)活動網站：<https://deep-learning.global/d112025/>

(二)報名網址：bit.ly/3DPRujJ

(三)最新課程資訊：bit.ly/40rB7Td

五、敬請貴校惠允報名參加者公(差)假及協助課務排代。

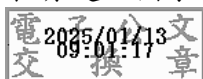
六、活動問題請洽詢本校吳律婷專案助理。(電子郵件：

wuluting@nehs.hc.edu.tw、電話：03-5777011分機

2180)

正本：臺灣NPD深度學習會員學校、教育部高中優質化輔助方案學校

副本：教育部國民及學前教育署、臺北市政府教育局、新北市政府教育局、花蓮縣政府教育處、國家教育研究院、國立臺灣師範大學、國立暨南國際大學、本校教務處



校長 張簡瑞璈



New Pedagogies for
Deep Learning™
A GLOBAL PARTNERSHIP

2025 Global Deep Learning Lab

Online Event
February 19, 2025
9:00 AM - 2:30 PM PST



**Educators
as AI:
Agents
of
INNOVATION**



Virtually Hosted by
Hacienda La Puente
Unified School District



2025 Global Deep Learning Lab Schedule

Welcome!

Welcome to a day of global knowledge-building! This Global Deep Learning Lab (DLL) will allow us to virtually share innovative solutions and systems where students realize their talents, cultivate meaning, and work together to contribute to the world. We hope you come away with insights to strengthen Deep Learning in your classrooms, schools, districts, and communities.

How this document works:

- Page 2 shows the tentative **schedule** for the day, including titles of the Insight Sessions you will be able to select from on February 19th.
Registered delegates will receive Zoom links to all sessions prior to the DLL.
- Pages 3-6 share detailed **descriptions of the Insight Sessions** including the presenter(s), session focus, and further information.

On the day of the DLL:

- The **welcome session starts at 9:00 AM PST**. (The link will be on the schedule.)
- We invite you to rename your Zoom account with **your name and the country you are representing**. We would love to see your faces, so please turn your cameras on.
- Though there are breaks between sessions, there is not a designated time for meals or taking care of personal needs. Please **take care of your comfort** throughout the day.

After the DLL:

- We welcome your feedback - please fill out a brief survey to tell us how it went. Link will be provided on February 19th.



2025 Global Deep Learning Lab Schedule

9:00-9:40 AM
PST

Welcome Session

Keynote Speakers: Dr. Alfonso Jiménez, HLPUSD Superintendent
Michael Fullan & Joanne Quinn, NPDL Global Directors

Insight Session A

9:50-10:40 AM
PST

- A1 Introduction to NPDL
- A2 Artificial Intelligence - AI in Education - Ensuring Coherence with Deep Learning
- A3 NPDL as Innovative Districtwide Instructional Framework
- A4 Bridging Borders: Innovative Partnerships Between Canada and the Netherlands

Insight Session B

10:55-11:45 AM
PST

- B1 Kids in the Hall
- B2 Critical Thinking in the Age of AI
- B3 Principal Explains How NPDL Brings It All Together
- B4 OCSB Deep Learning Certification: Empowering Educators

Insight Session C

12:00-12:50 PM
PST

- C1 Smart Light: LiFi Project in G10 Physics
- C2 OCSB's Deep Learning Inquiry: How can we take Learning Deeper at Secondary?
- C3 Designing Authentic Opportunities for Language Learning
- C4 AI-Driven Deep Learning: Transforming Education in Alpine School District

Insight Session D

1:05-1:55 PM
PST

- D1 Parental Involvement - Mangrove Reforestation Project
- D2 AI-Empowered Moderation Workshop
- D3 Transforming Year 9 Boys' Education through Deep Learning
- D4 Promoting Global Citizenship through International Education Initiatives at LSTS

2:00-2:30 PM
PST

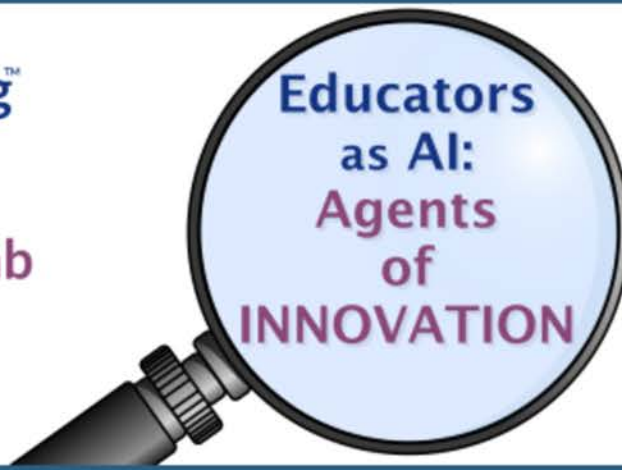
Closing Session



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Insight Session A Descriptions

Insight Session A

9:50-10:40 AM
PST

A1 - Max Drummy

Introduction to NPDL

New to Deep Learning? Come learn about the 6 Global Competencies, the 4 Elements of Deep Learning Design, and the systemic framework that supports it.

A2 - Tom D'Amico

Artificial Intelligence - AI in Education - Ensuring Coherence with Deep Learning

This session will look at how the Ottawa Catholic School Board has positioned AI within the Deep Learning teaching/learning framework. Hear about the "Why" for A.I. with practical examples and connections to the 6 competencies and the 4 elements of Deep Learning.

A3 - Dr. Helene Cunningham & Jenn LeBrun

NPDL as Innovative Districtwide Instructional Framework

The HLPUSD Model leverages NPDL to bolster and align initiatives that serve students across the district, shifting educational culture and practice. Our NPDL journey, rationale, implementation strategies, and resources that embed NPDL across subject areas in grades PK-12 will be shared as well as how we include staff, families, and community as partners.

A4 - Frank Bradica, Heather Michel, & Gideon Breuls

Bridging Borders: Innovative Partnerships Between Canada and the Netherlands

This session explores the partnership between Canadian and Dutch educators. Over the years, we've collaborated to implement the four elements, enhancing classroom impact. This year, our focus shifts to fostering students' curiosity and critical thinking by prioritizing deep questioning skills. Through shared insights and challenges, we'll showcase how cross-border collaboration creates innovative learning environments, and we'll offer ideas for building sustainable, impactful partnerships.



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Insight Session B Descriptions

Insight Session B

10:55-11:45 AM
PST

B1 - HLPUSD Students

Kids in the Hall

Kids of all ages have important things to say. Two high-school students and their middle school principal show what deep learning can be and share how they imagine making a difference in the world.

B2 - Alison Kinahan & Brett Walker

Critical Thinking in the Age of AI

This session will provide opportunities for educators to dive into the Critical Thinking global competency and its relationship to AI. Participants will explore various ways to support the development and use of critical thinking dimensions by students and educators in schools and classrooms in various ways.

B3 - Gilbert Barraza

Principal Explains How NPDL Brings It All Together

Learn how NPDL supports a busy elementary school's many student-centered initiatives, and how the 4 elements and 6 competencies inspire teachers and students to approach learning in innovative and powerful ways.

B4 - Katie Lewis-Prieur & Kimberley Stiff

OCSB Deep Learning Certification: Empowering Educators

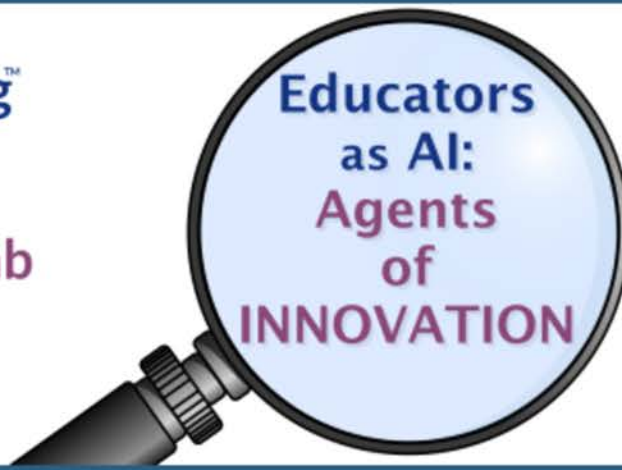
Discover how the OCSB Deep Learning Certification program is empowering educators to enrich their understanding of Deep Learning and changing their approach to teaching. Learn how our innovative approach is transforming teaching and learning districtwide. This session provides insights and inspiration for building capacity in your district. We will share how we've updated our program to include AI as part of our learning.



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Insight Session C Descriptions

Insight Session C

12:00-12:50 PM
PST

C1 - Tran Nhu Quynh, Dao Thai Quang, & Le Nhat Long

Smart Light - LiFi Project in G10 Physics

Students revolutionize lighting and device control by replacing traditional wiring with fiber optics. They design and build a system using Arduino microcontrollers to control light bulbs and other devices. This innovative approach connects learning with real-life problems and asks students to find safer and more flexible solutions. Students develop technical skills, as well as critical thinking, problem-solving, and teamwork abilities.

C2 - Katie Lewis-Prieur & Angelina Glynn

OCSB's Deep Learning Inquiry: How can we take Learning Deeper at Secondary?

Join us to learn about Ottawa Catholic School Board's inquiry into spreading Deep Learning across our high schools. We will share learning from our first year's inquiries with a theme of Hope, and how we adjusted for this year's theme: Critical Thinking in an Age of AI. Learn about our inquiry model, best practices, some challenges and how this inquiry is positively impacting our district's schools.

C3 - Dra. Linette Martinez & Jenn LeBrun

Designing Authentic Opportunities for Language Learning

Learn how we use NPDL to bring authentic learning experiences to students in a variety of language learning contexts. Hear an example from our dual language program highlighting how NPDL empowers student voice. Explore resources and routines that strengthen students' biliteracy skills in oral and written expression. Draft an action plan for how you might design authentic opportunities for language learning with your own students in mind.

C4 - Dr. Darren Draper

AI-Driven Deep Learning: Transforming Education in Alpine School District

Alpine School District is leveraging AI to deepen learning through innovative practices, coaching partnerships, and personalized learning environments. We will share real-world examples of how AI tools customize learning, foster creativity, and enhance collaboration across classrooms and professional development. Discover actionable strategies from our journey in integrating AI to amplify deep learning.



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Insight Session D Descriptions

**Insight
Session D**
1:05-1:55 PM
PST

D1 - Nhung Thi-Cam Nguyen, Khanh Nhat-Minh Nguyen, & Quynh Ngoc-Nhu Vo

Parental Involvement - Mangrove Reforestation Project

In the AI era, humanity plays a more vital role in our daily lives. This belief is reflected in the month-long Mangrove Reforestation Project where grade 6 students learn about tropical forests and deforestation, calculate their forest footprint, create and sell products to fund reforestation, and plant trees on a field trip. The parental involvement project culminates with students sharing their reflection and self-assessments.

D2 - Peiyong Chen, Shu-Jing Su, & Barbara Kuo

AI-Empowered Moderation Workshop

This workshop showcases how AI can enhance NPDLE lesson plan moderation. Teachers upload plans to the POE platform, accessible within their professional learning communities. The AI offers feedback and fosters deeper professional discussions, ultimately improving student learning.

*Participants need to bring their own lesson plan files with them.

*The session can accept at most 60 participants.

D3 - Elizabeth Phipps

Transforming Year 9 Boys' Education through Deep Learning

In 2023, St. Aloysius' College created a new campus, intentionally designed to increase our Year 9 students' agency and engagement in their learning at this crucial stage of their development. We will share the story of this transformational change and how Deep Learning has enabled us to realize our vision.

D4 - Phan Gia Bảo, Đặng Thị Quý, & Ho Thi Phuong Thao

Promoting Global Citizenship through International Education Initiatives at LSTS

This session focuses on international school partnerships of 8 schools from 6 countries. LSTS Asian Youth Forum (AYF) 2024 is one of the International Education Initiatives (IEI) promoting global citizenship at LSTS. Through deep learning tasks and the host family program, students collaborate on global issues through cultural exchanges.

