

New Pedagogies for Deep Learning

GLOBAL DEEP LEARNING LAB 2018

**engage the world
change the world**

**APRIL 16-18 2018
VANCOUVER, CANADA**



New Pedagogies for
Deep Learning™
A GLOBAL PARTNERSHIP

WELCOME MESSAGE FROM THE GLOBAL DIRECTORS

“Our best hope collectively is that deep learners inherit the world.”

This is the last sentence in our new book and our first order of business as we begin our Deep Learning Lab on April 16. Since our last global gathering, our planet has made another critical turn around the sun. As it has, more educators, leaders, students, parents and policy makers have recognized the importance of deep learning—not only as a catalyst for greater student engagement, but also for powerful, meaningful change. If this is your first year joining us, we warmly welcome you to our global network. You will quickly experience first hand that, across the world, there are people just like you ready to join the momentum, contribute to the thinking and transform learning for all students.

A special welcome to our pioneering deep learning colleagues from around the globe. We are joined by our partners from Australia, Canada, Finland, Netherlands, New Zealand, United States, and Uruguay; a brain trust that reflects diverse voices, roles and perspectives that fuel our strength and build our knowledge as a global network and living laboratory. We hope that over the next few days, you actively share your voice and contribute as we “engage the world to change the world”.

Over the next few days you will see evidence that students and their teachers are lighting the way. We hope that their insights inspire you to get involved, explore new solutions, and take the next step to realizing a better world.



NPDL Global Directors:
Joanne McEachen,
Joanne Quinn,
Michael Fullan

GLOBAL DLL GOALS

Collaborate

Dig deep and grow our partnership.

Innovate

Be voraciously curious.

Seek to generate solutions.

Illuminate

Shine a light on what you're learning so others can see your thinking.

Celebrate

Small wins lead to great change.

Advocate

Adopt an 'Engage the World Change the World' stance.

OUR THOUGHT LEADERS



Dr Jean Clinton

is a Clinical Professor, Department of Psychiatry and Behavioural Neurosciences at McMaster, division of Child Psychiatry. She has been a consultant to children and youth mental health programs, child welfare, and primary care for almost 30 years. Dr Clinton was recently appointed as an education advisor to the Premier of Ontario and the Minister of Education.



Pasi Sahlberg

is a Finnish educator and author who has worked as school teacher, teacher educator, researcher, and policy advisor in Finland and has studied education systems, analysed education policies, and advised education reforms around the world. A tireless author, Pasi has written and spoken widely about educational reform and influenced thinking around the globe.



Marc Chun

is a program officer in education at the William and Flora Hewlett Foundation. He leads the R&D investments for the deeper learning portfolio.



Rod Allen

has had many roles within the education system in British Columbia including Assistant Deputy Minister, superintendent, school administrator, and teacher. A champion for personalized and flexible learning, Rod helped to lead the province's transformation.



Michael Stevenson

is a Senior Advisor, PISA. His responsibilities include the strategic development of the PISA survey, strategic communications and support to education ministers around the world. Dedicated to global and innovative learning, Michael has worked with Cisco, the Global Education Leaders program, the Gates Foundation and the BBC.

Michael Fullan

is a worldwide authority on educational change. He is former Dean of OISE and recipient of the Order of Canada. He advises policy makers and leaders around the world.

Joanne Quinn

is an international consultant and leads whole system change projects at the global, national and district levels. She has held leadership roles at all levels of education and is co-founder of NPDL.

Joanne McEachen

Joanne has held roles at all levels of the system, is a co-founder of NPDL, and the founder of The Learner First where she designs tools and processes for system change.

CONFERENCE HIGHLIGHTS

Insight Sessions

Over the next three days, you will have your choice of attending 30 Insight Sessions.

Each session has been carefully crafted and skillfully facilitated to maximize learning, engagement and reflection. None of these sessions are repeated so you'll have to make some tough choices. No need to sign up for sessions in advance but we do suggest you coordinate with your team to optimize exposure to the diverse learning opportunities. All insight session materials and PowerPoints will be posted on the NPDL hub following the Deep Learning Lab.

Global Forum

Let's get the panoramic view on the global competencies.

Three world-renowned experts will share their interpretations of where deep learning is going and the traction it has across the planet. **Pasi Sahlberg**, **Rod Allen**, and **Michael Stevenson** will give us the sweeping perspective.

Collaborative Moderation Session

This session will immerse you in the planning, assessment and reflection of a deep learning task.

No matter what role you hold in the educational system, this powerful learning strategy will shake up your pedagogical know-how and set you up for deeper capacity building in your schools and districts. Bring your device—ideally a laptop.



WonderWorks

A network that learns together improves schools.
A network that wonders together innovates them.

Jump on to our digital WonderWorks padlet to share your creative thinking and build on the imagination of others. Share your thinking. You might just trigger innovation half way around the world. All you need is your device, your good mind, and this address: <https://padlet.com/maxd/NPDLwonderworks18>.

Spark!

Three regions. One deep learning language.

In this fast-paced interactive session, we will hear from: **Immaculate**, a student from Ottawa; **Scott Millman**, an Australian teacher-leader; and **Gwen Keith**, a system leader from Saskatchewan. They will share their thoughts on deep learning and its impact. This will ignite discussion and action at mixed table groups.





Students' Deep Learning Task: What the World Needs Now

As an extension to last year's successful Twitter challenge, students of all ages from across the world will reflect on the UN Sustainable Development Goals and share ideas and action plans that address the prompt: *What the World Needs Now*. There is no time like now to get your students involved. The task is on the hub and also featured on page 13 of this programme. The twitter hashtag is [#NPDWorldNeeds](#).

NPDL Film Festival

Roll out the red carpet. Here's a little cinematic magic to showcase the new reality taking shape in many of our schools.

Our cluster leads have coordinated videos from Australia, Canada, Finland, Netherlands, New Zealand, the United States and Uruguay. Move over, Hollywood. This is the real deal.

You may meet some young starry-eyed directors roaming around the room. These local students are learning about deep learning and exercising their six global competencies to create a short documentary about our Deep Learning Lab. They may want to interview you. Smile for your cameo!

If you crave a little fame and want to submit your own blockbuster for the Deep Learning Lab Film Festival, share the deep learning happening in your school or district by uploading your video here: [filmfestival@npdl.global](#). The videos will remain posted on the NPDL members' hub until December 2018.



Access all resources and slides:

<http://dlh.npdl.global/pages/deep-learning-lab-2018>

AGENDA

MONDAY, APRIL 16 DAY 1

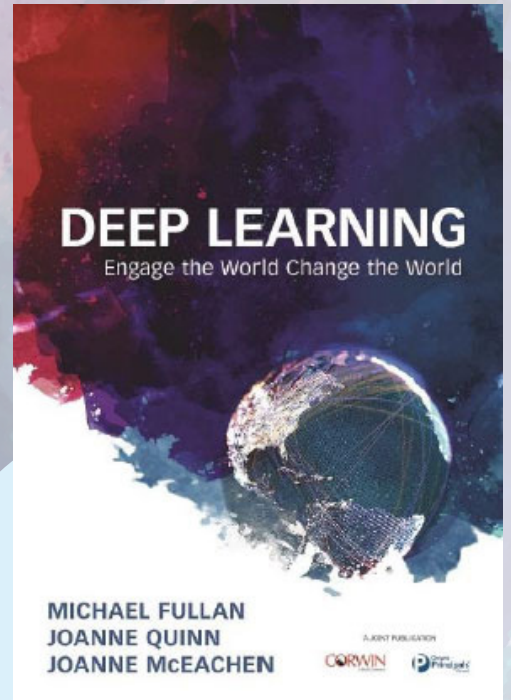
- 8:00-8:30 **Registration**
- 8:30-9:15 **Opening**
- 9:15-10:30 **Spark!**
- 10:30-11:00 **Networking**
- 11:00-12:30 **Insight Sessions**
- 1A A Renewed Energy
 - 1B Localizing and Finetuning NPDL's third cohort
 - 1C Full STEAM ahead!
 - 1D From Project to Framework
 - 1E Deep Learning: An Introduction
 - 1F Including Students with Special Needs
- 12:30-1:30 **Lunch**
- 1:30-3:00 **Insight Sessions**
- 1G Eliciting Empathy
 - 1H Implementing Deep Learning in Secondary
 - 1I NPDL: Local to National in Uruguay
 - 1J The 6C's in Daily Practice
 - 1K Leadership from the Middle
 - 1L Partnerships: Key to Adolescent Success
- 3:00-3:15 **Thought Leader: Marc Chun**
- 3:15-4:00 **Thought Huddle**
- 4:30 **Reception**

TUESDAY, APRIL 17 DAY 2

- 8:00-8:30 **Introductions**
- 8:45-9:30 **Thought Leader: Pasi Sahlberg**
- 9:30-10:45 **Global Forum: Michael Stevenson, Rod Allen and Pasi Sahlberg**
- 10:45-11:00 **Transition**
- 11:00-12:30 **Insight Sessions**
- 2A Just Ask Them!
 - 2B Going Deeper with Coherence
 - 2C Bigger Than Ourselves
 - 2D Deep Leading
 - 2E Building Capacity through Professional Learning Networks
 - 2F Making it Happen and Staying the Course in Secondary
- 12:30-1:30 **Lunch**
- 1:30-2:15 **Thought Leader: Jean Clinton**
- 2:15-2:30 **Jean Clinton and Michael Fullan: in conversation**
- 2:30-4:00 **Insight Sessions**
- 2G Research Ripples to Deeper Learning
 - 2H Managing Change
 - 2I Follow up with Jean Clinton
 - 2J Innovative Teaching to Promote Deeper Learning in Math
 - 2K Whole School Improvement in a Large Secondary Setting
 - 2L An Innovation Mindset - Learning Outside the Box
- 4:00-4:30 **Closing**

WEDNESDAY, APRIL 18 DAY 3

- 8:30-9:00 **Opening: Thought Leaders**
Michael Fullan, Joanne Quinn,
Joanne McEachen
- 9:00-10:45 **Collaborative Moderation**
- 10:45-11:00 **Transition**
- 11:00-12:30 **Insight Sessions**
- 3A Student Agency and Efficacy in Practice
 - 3B Facilitating Exemplar Moderations
 - 3C Let the Networking Begin!
 - 3D Deep Learning around the World
 - 3E Change, Context and Culture
 - 3F NPDL: A Game Changer
- 12:30-2:30 **Lunch in Cluster Groups**
- 2:30-3:00 **Closing Celebration**



BOOK SIGNING

Bring your own dog-eared copy of *Deep Learning: Engage the World Change the World* to gather autographs from the authors and its other contributors on Tuesday at lunchtime.

A limited number of books will be available for sale as well.



Access all resources and slides:

<http://dlh.npdl.global/pages/deep-learning-lab-2018>

INSIGHT SESSIONS DAY 1

11:00–12:30

1A **A Renewed Energy: Empowering Students and Teachers**

How do we take prescribed curriculum and design effective and engaging personalized learning experiences for students? This session will look at practices to build a culture of inquiry in schools. We'll share our journey of how one district was able to make this paradigm shift from education providers to learning facilitators.

AJ Harris, Nick Mattatall, Adam Rogerson, Pamela Wilson, New Brunswick, Canada

1B **Localizing and finetuning NPDL for the 3rd Finnish NPDL cohort**

Finland started NPDL in 2014 with 100 schools. Today approximately 250 schools have implemented it as a part of their everyday life. We have been localizing and finetuning NPDL to suit the needs of the schools and school administration. Come learn what Finland has been up to more recently.

Tomi-Pekka Niukkanen, Finland

1C **Full STEAM ahead!**

Clayton North PS has leveraged their involvement in NPDL to help them innovate and build capacity of their students and teachers to use digital devices effectively. The school has refined their inquiry approach with challenge and research-based activities and are continuing to involve, parents, neighbouring schools, and teacher education partnerships. They have also influenced international schools in Indonesia in their own journey.

Archie Bacheta, Victoria, Australia

1D **From Project to Framework—Strategies and Decisions Related to Deep Learning System Scale**

The Ottawa Catholic School Board has implemented a Deep Learning Framework across 83 schools based on the NPDL suite of tools. This session will include an overview of the pragmatic and strategic leadership taken by the Board staff to move from an NPDL project at selected schools, to a learning and teaching framework being used by thousands of staff and supporting 41,000 students. **Tom D'Amico and Debbie Frendo, Ottawa, Canada**

1E **Deep Learning: An Introduction**

This interactive session introduces New Pedagogies for Deep Learning: what it is, why it's important, how it works, and how it is making an impact. This is a great session for those new to NPDL.

Joanne Quinn, NPDL Global Team

1F **Including Students with Special Needs in Global Collaboration**

Warringa Park School is a Special Developmental School. Project based learning has enabled students and teachers to engage in deeper learning experiences within and beyond the school community. Warringa Park SDS prides itself on meeting the diverse needs of its learners through the innovative use of technology.

Megan Retallick and Aisling O'Hora, Victoria, Australia

1:30–3:00

1G **Eliciting Empathy: A Deep Learning Project for Change**

Two elementary classroom teachers will trace their NPDL journey from the initial conceptual spark to the development of a deep learning project focused on empathy. The presenters will frame how they used the 4 elements and 6 Cs as a framework



for their learning design and how they incorporated required teaching standards into this project.

Kevin Hall and Madeleine Parthum,
Michigan, United States

1H **Implementing Deep Learning in Secondary Schools (An Ontario Perspective)**

How can Deep Learning be implemented and spread within secondary school cultures? Avon Maitland District School Board is in its fourth year and will share their journey and lessons learned in taking the NPDL work to scale across the district in all secondary schools (grades 7-12). A culture of learning has been created by leveraging principals as instructional leaders, embedding central and school-based coaches and empowering teachers to take pedagogical risks and partner with their students to explore their passions and interests.

April Smith, Sandy Kunkel, Joey Jackson, Trevor Hammer, Phil Connolly, Avon Maitland, Canada

1I **NPDL: Local to National in Uruguay**

This presentation shows a case of the diffusion of NPDL framework and implementation in a large cluster of 400 schools distributed throughout the country, in the context of a traditionally designed educational system. In Uruguay, NPDL schools represent innovation and revision of traditional practices with the potential of changing the whole system. In this presentation we show how this process is designed and executed at different levels. The accomplishments and challenges are presented and discussed.

Claudia Brovetto, Fiorella Gago, Martín Rebour, Emy Soubiron, Alejandro Pereyras, Uruguay

1J **The 6C's in Daily Practice**

This workshop will explore how to integrate deep learning competencies in a visual way to engage students in their learning process and give them the confidence to make change.

Follow Tracey's own inquiry into deep learning in her Visual Art Department. She will share how she made links between deep learning and the 6C's with national curriculum and assessment expectations and incorporated the 6C's into everyday teaching practice.

Tracey Scott, New Zealand

1K **Leadership from the Middle**

Fullan's article, 'Leadership from the Middle: A System Strategy' outlines how important the middle tier is in shaping implementation, and that collectively this can be a force for change, leading to greater coherence. Learn about how three North Coast Region schools from Queensland work together to build lateral capacity through collaboration. The 'Combined Schools Professional Learning Day' is one method these schools use to showcase NPDL and provide opportunities for teachers across schools to connect and share.

Anna Antonijevic, Michael Small and Dale Bray, Queensland, Australia

1L **Partnerships: Key to Adolescent Success**

Two schools will share how reconceived partnerships are having an impact on adolescent learners. At one school, teachers leveraged technology to support learning. They have abolished exams and testing and replaced it with a commitment to continuous feedback, that has resulted in improved learning and engagement. In another school, teachers are introducing partnerships and real-world experiences to enhance student learning.

Frederique Boele, Khadiija el Mokadem and Miranda Sidler, Netherlands



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INSIGHT SESSIONS DAY 2



11:00–12:30

2A Just Ask Them!

Explore the depth of learning that can be achieved when students and teachers co-construct learning, with a focus on the role of school leadership in challenging and empowering teachers to be innovative while maintaining academic rigour. Examples of student-led, real world learning will be shared, highlighting the dual role of social media in enabling local and global learning partnerships as well as providing authentic audiences for student work and knowledge construction.

Rebecca Wells, David Wells, Victoria, Australia

2B Going Deeper with Coherence

Engage with a protocol to identify ways the four components of the coherence framework (focusing direction, cultivating collaborative cultures, building precision in pedagogy, and securing accountability) can mobilize deep learning in your organization.

Michael Fullan, Joanne Quinn, NPDL Global Team

2C Bigger Than Ourselves - Making a Real Difference in the World

Change isn't easy! By engaging in Deep Learning, fostering the 6C's, and integrating the four elements we embarked on a journey towards meaningful change. The NPDL Framework empowered our students to expand their thinking and implement authentic tasks based on real social issues. Using examples from our schools, we will highlight how students had the opportunity to make connections and become agents of change.

Jenn Wroe, Jonathan Pratt, Steve Blok and Doug Fiebig, Renfrew County, Canada



2D Deep Leading

This Insight session will focus on starting conversations about how school leaders can encourage and facilitate teachers to develop their capacity to implement Deep Learning experiences for students. We will share practical examples and resources developed at the school and cluster level to create frameworks to grow the capacity of leaders and their learning communities.

Jared Fretwell, Chris Panther and Cade Englefield, Christchurch, New Zealand

2E Building Capacity Through Professional Learning Networks

This session will focus on how the Deep Learning Framework has been embedded into our professional learning networks. We will highlight our own Deep Learning Certification Program and our "Introduction to Deep Learning Leading and Learning Journey" Sessions.

Angelina Glynn and Dr. Jennifer Flinn, Ottawa, Canada

2F Making it Happen and Staying the Course in Secondary

A focus on how NPDL's tools, processes and philosophies have contributed to our education reform agenda. Showcasing sample curriculum programs and activities will demonstrate how NPDL engages students in meaningful, relevant, and real-life learning experiences and builds teacher capacity. Highlighted work includes the development of meaningful learning partnerships, cultivated with students, teachers and the wider community. Further exploration includes consideration of pedagogical practices that have been used to design, implement, monitor, and assess learning.

Michael Phillips, Jackie Quenette, Victoria, Australia

2:30–4:00

2G 'Research Ripples' to Deeper Learning

Grovedale West primary school will share practical examples of how they have established the conditions within their school to enable learning to flourish and some inspiring examples of projects including the Malaysian mini library project and the student developed 'Ripples research' approach to inquiry learning.

James Ramage, Gretta Lynch, Victoria, Australia

2H Managing Change

The cluster role is to support schools to manage complex change. This workshop will engage participants in unpacking the factors required to successfully embed deep learning. A range of strategies and resources developed in Victoria to support school leaders will be shared. Participants will be able to make links to their own contexts and consider their own change plan.

Lynn Davie, Wendy Macpherson and Jill Brown, Victoria, Australia

2I Follow up with Jean Clinton

Did Jean's keynote get those wheels turning? Do you have more questions and ideas about how deep learning impacts the well-being of children and youth? Come to this session to engage at a deeper level and be prepared to participate in an interactive discussion. We will build more knowledge together.

Jean Clinton

**2J Innovative Teaching to Promote Deeper Learning in Math**

This session will share the insights gleaned from Waterloo Catholic District School Board's Deeper Learning Mathematics project. During the professional learning cycle, teachers built knowledge about mathematics instruction in reference to pedagogical practice, learning partnerships, learning environment and leveraging digital tools in order to develop and assess global competencies using the New Pedagogies for Deeper Learning Framework. The results of the pre-post math test analyses revealed that there were significant increases in student achievement for a large majority of students.

Ferdinand Krauss, Waterloo, Canada

2K Whole School Improvement in a Large Secondary Setting

During this session Taylors Lakes Secondary College will share their NPDJ Journey so far and the opportunities it has provided to drive improvements in instructional practice. We will share examples of learning tasks from a range of subject areas as well as integrated tasks in a secondary setting. There will also be a focus on building leadership capacity using Coherence.

Sasha Mildenhall, Victoria, Australia

2L An Innovation Mindset-Learning Outside the Box

Grow your innovators mind-set with the lead learners from North Coast Region, as they showcase their learning. From Primary to Secondary, see how 'thinking outside the box' leads to deep learning for students and teachers. Teachers share learning from their innovative projects, including a virtual reality world. You will gain the opportunity to understand ways to step out of your comfort zone, to use technology to engage, and to grow your skills as a deep learning practitioner.

Michael Small, Melanie Wetton, Queensland, Australia

Access all resources and slides:

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INSIGHT SESSIONS DAY 3

11:00–12:30



3A Student Agency and Efficacy in Practice

Kilcoy State High School and Bray Park State High School have engaged the students in reflecting, developing and designing their own learning. In this insight session you will see through a range of examples how listening to and collaborating with students has changed the learning environment. Learners have become empowered to learn, act, and become agents of change in a changing world. **Chris Powell and Monica Smith, Queensland, Australia**

3B Exemplar Moderations: Going Deeper

Following the large group collaborative moderation, we will explore two questions related to exemplar moderation: how to use quality assessment practices that foster the growth of competencies; and how to create the conditions to facilitate an effective moderation in your organization. Participants will leave the session ready to lead this work. **Joanne McEachen and the Global Team**

3C Let the Networking Begin!

As Lester B Pearson School District is adopting an “Engage the World Change the World” stance, our enthusiastic educators are redesigning the learning, along with capturing deep learning in action. We will share our way of connecting with other educators and school communities in order to build clarity and shared understanding. Our creative data platform tells a story of an evolutionary shift: students are embraced and have taken an active role in becoming great citizens of the world. **Cristina Scuccimarri, Marie-Josée Paquette and Sylvie Monette, Quebec, Canada**

3D Deep Learning around the World

During this interactive session the Dutch Cluster invites participants to join the discussion and share their own perspectives of deep learning from around the world. They will also share their experiences and challenge participants to stretch their thinking about evidence-based learning cultures, social justice and cultural understanding, as well as communication and critical thinking. **Marlou van Beek, Baukje Bemener, Gertine Hazelaar and Vivianne Tiebosch, Sterrekijker, Netherlands**

3E Change, Context and Culture

In education we are answerable to many masters: we comply with the demands of bureaucracy and we have a moral social contract to serve children and families. It’s a complex dance we must learn, unlearn, and relearn so that the steps continually manage the tensions. In Queensland schools, we have navigated these tensions and honoured safe risk taking to enable changed learning experiences for teachers and students. This session explores the change model and the impacts that have been felt thus far. **Mary Coverdale, Australia**

3F NPDL: A Game Changer in the Pacific Northwest United States

Game Changer: a newly introduced element or factor that changes an existing situation or activity in a significant way. The Washington State cluster will share how Deep Learning and NPDL tools have reframed the educational paradigm, allowing people at every level of the system to leverage personal capacity – from administrators to teachers to students. Learn how NPDL has helped us increase partnerships, move the focus from content to content and context, and improve pedagogical practices. **Pam Estvold, KC Knudson, Karin Manns, Aaron Darragh and Amy Reisner, Washington, USA**

What the World Needs Now

NPDL GLOBAL DEEP LEARNING TASK 2018

Project Goal To host a live, collaborative conversation on a topic of global relevance with students

Prompt Based on your own knowledge, observations, and learning experiences, what do you believe the world needs now? Share your ideas and action plans to develop global competence in your school/town/city/nation.

Scope and Sequence

- Cluster leads are encouraged to share this resource with their board/school NPDL leads and teachers, to generate interest in participating in this deep learning task across their schools/country/districts
- Interested participants are given the prompt as a discussion starter, as well as the following resources from the UN Sustainable Goals website: www.undp.org/content/undp/en/home/sustainable-development-goals
- Learners should interact with the resources prior to the collaborative, digital conversation
- Learners pursue an understanding of, and create an action plan that is most accessible/relevant/suitable to them based on their context/needs
- Learners create an action plan, and share via the hashtag #NPDLWorldNeeds and/or in a Twitter chat prior to and during the NPDL Global Deep Learning Lab (DLL), Vancouver, April 2018
- AMDSB NPDL Leads are able to moderate a Twitter conversation prior to and during the NPDL Global Deep Learning Lab, Vancouver, April 2018
- Leading up to and during the Global DLL, participants will be encouraged to question, challenge, and celebrate each other's contributions and learning via twitter
- #NPDLWorldNeeds tweets will be projected at the NPDL Global Deep Learning Lab, Vancouver, April 2018
- After the conversation, participants will be encouraged to continue collaborating with other learners in the chat from around the world.

Pedagogical Practices

- ✓ Task is designed based on the interest and needs of all students
- ✓ Learning is personalized
- ✓ Student choice is embedded in the task
- ✓ Collaboration opportunities are continuous
- ✓ Task is authentic (based on real problems, real questions)
- ✓ Innovative strategies that leverage digital
- ✓ Clear learning goals
- ✓ Clear success criteria

Learning Partnerships

- ✓ Task requires purposeful learning partnerships
- ✓ Task ensures equity among partners
- ✓ Clear, transparent learning goals for all partners
- ✓ Clear, transparent success criteria for all partners

Learning Environment

- ✓ Task incorporates student voice
- ✓ Task requires purposeful learning partnerships
- ✓ Task accounts for the interests and needs of all students
- ✓ Learning is interactive
- ✓ Learning environment is authentic
- ✓ Learning environment includes virtual component

Leveraging Digital

- ✓ Digital enables efficient and meaningful collaboration
- ✓ Digital is used to share new knowledge
- ✓ Task requires the use of digital

Critical Thinking	Communication	Collaboration
Collaborative Knowledge construction	Leveraging Digital	Social, emotional, and intercultural skills
Creativity	Character	Citizenship
Considering and pursuing novel ideas and solutions	Self-regulation and responsibility for learning	Solving ambiguous and complex problems in the real world to benefit citizens

ACKNOWLEDGEMENTS

We would like to thank the Coast Salish people, specifically the Musqueam, Squamish and Tseil-Waututh First Nation, whose traditional territory Vancouver resides on. We value the opportunity to learn, live and share educational experiences on this traditional territory.

STUDENTS... WHY WE'RE HERE

A warm thank you to our students of the North Vancouver School District for sharing their talents, time, energy and aspirations. You make adult learning relevant.

Our starry-eyed student videographers:

Monica Jacobs and Mary Kobierski from Carson Graham Secondary School

The Jiglets: We appreciate your enthusiasm, spirit and optimism

Our shining performers: You brought music and reflection to our Deep Learning Lab



DEEP LEARNING LAB: THE TEAM BEHIND THE SCENES



Thank you to those who contributed to this year's Deep Learning Lab:

Eleanor Adam, Brad Baker, Karl Clauset, Phil Connolly, Tom D'Amico, Cecilia de la Paz, Nicola Devine, Max Drummy, Jennifer Flynn, Bailey Fullan, Michael Fullan, Debbie Frendo, Mag Gardner, Ryan Gatto, Angelina Glynn, Trevor Hammer, Melanie Hight, Audrey Hobbs-Johnson, Bill Hogarth, Terry Jakobsmeier, Simona Johnston, Matt Kane, Gwen Keith, Sandy Kunkel, Trudy Lane, Stephanie Maki, Joanne McEachen, Mary Meucci, Agnieszka Parr, Joanne Quinn, Catie Schuster, April Smith, Pam Wilson.

A SPECIAL THANK YOU TO OUR SPONSORS



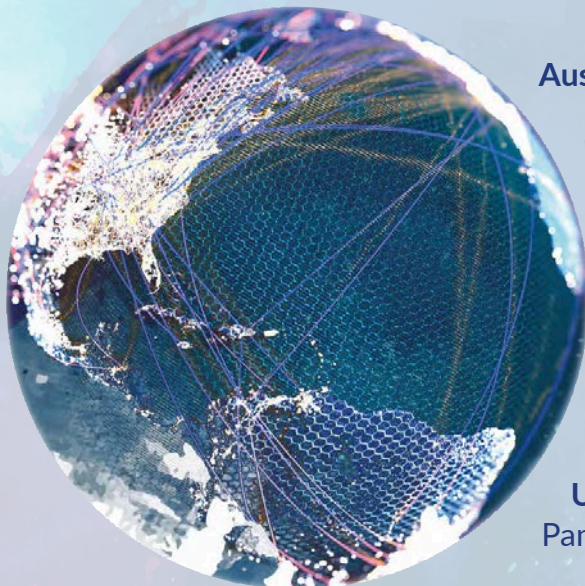
We are deeply grateful to the Hewlett Foundation for their ongoing funding support of New Pedagogies for Deep Learning and their sponsorship of this Global Deep Learning Lab.



Special thanks to Corwin publishing for sponsoring the Networking Reception.



KUDOS TO OUR CLUSTER LEADS



Australia: Anna Antonijevic and Jillian Brown

Canada: Tom D'Amico and Debbie Frendo

Finland: Kaisa Jussila, Tomi-Pekka Niukkanen, Vesa Ayras, Paula Vorne

Netherlands: Marlou Van Beek

New Zealand: Margot McKeegan and Greg Carroll

United States: Larry Thomas, Pam Estvold and Jo-Dee Marcellin

Uruguay: Claudia Brovotto

GLOBAL COMPETENCIES FOR DEEP LEARNING

THE 6C'S



- Learning to learn
- Grit, tenacity, perseverance, and resilience
- Self-regulation, responsibility, and integrity



- Thinking like global citizens
- Considering global issues based on a deep understanding of diverse values and worldviews
- Genuine interest and ability to solve ambiguous and complex real-world problems that impact human and environmental sustainability
- Compassion, empathy, and concern for others



- Working interdependently and synergistically in teams
 - Interpersonal and team-related skills
 - Social, emotional, and intercultural skills
- Managing team dynamics and challenges
- Learning from and contributing to the learning of others



- Communicating effectively with a variety of styles, modes, and tools including digital
- Communication designed for different audiences
- Reflection on and use of the process of learning to improve communication



- Having an “entrepreneurial eye” for economic and social opportunities
- Asking the right inquiry questions
- Considering and pursuing novel ideas and solutions
- Leadership to turn ideas into action



- Evaluating information and arguments
- Making connections and identifying patterns
 - Problem solving
- Constructing meaningful knowledge
- Experimenting, reflecting, and taking action on ideas in the real world

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Fairmont Hotel Vancouver, 900 W Georgia St, Vancouver, BC V6C 2W6, Canada