GLOBAL DEEP LEARNING LAB 2019

good at **learning**
good at **life**

Imagine a world where
students are good at
learning and good at life.

Now imagine you can
make it a reality.

TORONTO,
NOVEMBER 11-12, 2019

New Pedagogies for
Deep Learning™
A GLOBAL PARTNERSHIP

Welcome Message from the
Global Directors

Welcome to our 7th Global Deep Learning Lab.

Deep Learning brings the joy back to learning for students and adults alike. Since 2014 it has seized the imagination of learners of all ages. It's cornered the curious from 8 different countries and more than a million students have experienced its force. It's challenged us to ask essential questions about the nature of schooling. It's the amulet you squeeze to transform yourself from apathy to enthusiastic.

That's why for all of us deep learning represents…Good at learning. Good at life.

We are thrilled to host the global community in Toronto. Diversity is fostered here—we welcome educators from across the world, representing a range of roles and experiences, igniting our shared purpose. You are what makes these next few days a rich living laboratory. We encourage you to take every opportunity to learn from those around you. The goals on this page speak to the collaborative learning culture we aspire to cultivate and we invite you to contribute to it. Your voice and agency matter.

A special welcome to our intrepid innovators, our deep learning partners from Australia, Canada, Finland, Hong Kong, Netherlands, United States, New Zealand Uruguay. Your tireless commitment and generous professionalism propels deep learning to new heights and continues to wow us at every turn. We are glad to see you again.

Over the next few days, embrace new ideas and celebrate. The world and its young people need our collective attention and action now like never before.

So let's get to it- "Deep Learning to the rescue"!

Global Deep Learning Lab 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

Thought Leaders

Stretch your thinking. Wander outside your comfort zone. Prepare to transform learning and life. Our thought leaders will tickle your dendrites and urge you to act.

Michael Fullan is a worldwide authority on education change advising policy makers and leaders around the world.

Joanne Quinn is an international consultant in learning, leadership and system change and a co founder of NPDL.

Joanne McEachen is founder and CEO of The Learner First and Global Director of New Measures for NPDL.

Jal Mehta
Professor, Harvard University
Jal will provide a glimpse into what's working to transform schools into places of deep learning for all.

Dr Jean Clinton
Clinical Professor of Neurosciences at McMaster University
As a child psychiatrist and advocate, Jean will translate knowledge from scientists, therapists and physicians that will address well-being.

> **More information and registration here: https://npdl-events.eventsmart.com/**

Deep Disrupters

Boldly learning, leading and leveraging. These people are path finders. They are taking deep learning in a new and impressive direction.

Miguel Brechner,
President of Plan Ceibal, Uruguay
Miguel led the innovative deployment of a million laptops and brought deep learning to over 700 schools.

Wendy Robinson,
Superintendent, Ft. Wayne, USA
Wendy has led her district leadership team to embrace a whole system transformation to Deep Learning.

Margot McKeegan,
Facilitator, CORE Education, New Zealand
Margot has created strong networks of schools who have embraced deep learning and the power of going outside to get better inside.

Tom D'Amico,
Superintendent, Canada
With his senior district team, Tom has led a systemic transformation to deep learning in the 84 schools of the Ottawa Catholic School Board.

Students in the Spotlight

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 of students sharing their powerful learning experiences. Students are exercising their 6 Cs as they create snapshots of what matters in learning and what makes it deep.

If you crave a little fame and want to submit your own blockbuster and share the deep learning happening in your school, upload your video here: filmfestival@npdl.global.

Student's Deep Learning Task: Schools of the Future

Each year students of all ages from across the world engage in a Deep Learning task. This year students will consider the 6 Global competencies and respond to the following prompt: What should learning look like in the schools of the future? Their answers may raise more questions for us. The task is on the hub and also featured in this programme. The twitter hashtag is #NPDLfutureschool

> More information and registration here: https://npdl-events.eventsmart.com/

Meet the Mobilizers

Meet innovators working outside of schools and districts who carry the flag for deep learning. Explore challenging new perspectives. Hear their stories. Learn their lessons.

Dancing to Connect

Meet student performers who bring the 6Cs to life through the art form of modern dance. The Dancing to Connect (DtC) program tackles issues relevant to society including: inclusion/exclusion; empowering the less advantaged; gender based violence and refugee integration.

Enabling Impact for All:
A Call to Emancipatory Leadership

Organizations across sectors struggle to move beyond minimum diversity standards or implement sustainable inclusion practices. These challenges arise because of a failure to recognize the existing value of diversity within our communities. To engage meaningfully, leaders need to embrace an emancipatory leadership stance that challenges internal behaviors, practices and norms that limit meaningful impact for and through all.

Nouman Ashraf
Assistant Professor,
Rotman School of
Management

Design and Integrative Thinking

Critical thinking. Collaboration. Creativity.

Join the I-Think team as they guide you through an interactive session on design and integrative thinking, exploring how to bring deep learning to life through real-world problem solving.

Nogah Kornberg
Associate Director

Josie Fung
Executive Director

Communicating Deep Learning in a Social Media World

Learn strategies to break through the clutter and deliver key messages. Communications expert Brian Woodland will build an awareness of new tools, the power of truth in a social media world and what makes an impact on a hard-to-reach public.

Brian Woodland
Speaker and Consultant

Student Voices:
Turn up the Volume

At the Global Deep Learning Lab, we don't just hear student voices— we invite them. Student voice fuels our passion and propels our direction. All voices deserve our ears. We will meet students exercising their agency and through video, we will feature students who have lots to say about deep learning, the impact it is having and where we can go next.

High Fives
All Around!

So much to celebrate at the Deep Learning Lab! We will be acknowledging our first graduates of the Facilitators' Institute and the first recipients of the Distinction Pathways. We will also be sharing feature stories about our deep learning partners.

If you have a story waiting to be told, contact Mag Gardner at mgardner@npdl.global

Conference Highlights

Thought Huddle

Team up. Scale up. Open up the possibilities. Mash-up with others. In this collaborative session we will fire up all six global competencies and we'll end up smarter than we started. Deep Learning: we're on the up now and potential is unleashed.

Collaborative Moderation

Collaborative Moderation is the meat and potatoes of deep learning. If you are new to NPDL, this insight session will satiate your appetite by providing you with all you need to understand and facilitate this rich professional learning in your schools. Bring your device—ideally a laptop.

Remembrance Day Observance

In Canada, on the 11th day of the 11th month at the 11th hour, the country stops to remember the men and women who served and sacrificed in service of peace. Since 1921 Canadians have been honouring veterans by wearing a red poppy above their heart; this symbol was inspired by the Canadian poem "In Flanders Fields" written by Canadian physician, Lieutenant-Colonel John McCrae. On November 11th we will pause, give thanks and remember. Students from a local school will read the poem and play the Last Post. For those that would like to wear a poppy, they are available at the information desk.

Agenda

Day 1

7:30	Registration
8:30-9:15	**Opening Ceremonies**
9:30- 10:45	**Insight Sessions 1**

1A	The "Why" for Deep Learning in your school or district
1B	Finnish National Deep Learning Network
1C	Deep "Cs" Diving
1D	Using the 6Cs to Promote a Culture of Well-Being
1E	Write to Right
1F	Assessment for Deep Learning
1G	What's Deep About Deep Learning?

10:45- 11:15	Remembrance Day Observance
11: 15 – 11:45	**Deep Disrupters 1**
11:45- 12:45	Lunch
12:45- 1:30	**Deep Disrupters 2**
1:45 – 3:00	**Insight Sessions 2**

2A	NPDL Leadership – Some Practical Considerations
2B	From Forest to Lab – Developing the 6 Cs
2C	Towards the Design of a System for Moderation
2D	Personalise your NPDL Journey
2E	Communicating when leading from the middle
2F	Localizing Deep Learning in Finland
2G	Exploring a Teacher Created 6Cs Curriculum

3:00 – 3:30	Networking
3:30 – 4:15	**Thought Leader:** Jal Mehta
4:15- 4:30	**Jal Mehta and Michael Fullan:** In conversation
4:30- 5:00	**Thought Huddle**
5:00	Reception

8:30-8:45	**Introductions**
8:45-9:45	**Thought Leader:** Jean Clinton
9:45-10:15	Networking Break
10:15-11:30	**Insight Sessions 3**

3A	Beginning and growing the NPDL journey
3B	Deep Learning as Human Centered Design
3C	Can You Eat Too Much Low Hanging Fruit?
3D	Sustaining Deep Learning Momentum
3E	What is Deep Anyway?
3F	Jean Clinton: Follow Up
3G	Forming a Unified Whole

11:30-12:30	Lunch
12:30-1:45	**Meet the Mobilizers**
2:00-3:15	**Insight Sessions 4**

4A	Creating a Deep Learning Culture
4B	Making a Nest and Hatching Eggs
4C	Moving Beyond Student "Voice"
4D	Your Brain on the 6Cs
4E	Don't Stop Believing…
4F	Connecting the 6Cs and Well-Being
4G	Collaborative Moderation

3:15-3:45	**Meet the Mobilizers: Dance to Connect**
3:45-4:30	**Ideas to Action**
4:30	**Closing**

> More information and registration here: https://npdl-events.eventsmart.com/

Insight Sessions

Like a diamond mine!

Invaluable wisdom and rich experiences are buried in nooks and crannies of the global deep learning network. We bring to the surface the insights that need to be shared and feature them at our Deep Learning Lab.

These sessions reflect the real deep learning work on the ground – the trials, triumphs and tricky parts. You can look forward to 28 sessions on a variety of topics. And while choosing which one to attend will be difficult, know that presentations from all insight sessions will be accessible to NPDL members following the Lab.

> **More information and registration here: https://npdl-events.eventsmart.com/**

Day 1

Insight Sessions 1
9:30–10:45AM

1A Tom D'Amico, Ottawa Catholic School Board, CANADA

The "Why" for Deep Learning in your school or district - Creating a New Moral Imperative!

This session will provide you with a ready to use interactive workshop for your school or district leaders – setting the conditions for "Why" Deep Learning. Whether you are just starting with deep learning at your school, or scaling district wide, or are well along your journey, this session will help frame why leaders need to establish the new moral imperative for Deep Learning as a tool to improve both student achievement and student well-being.

1B Tarja Tuomainen and Tomi-Pekka Niukkanen Edita, FINLAND

Finnish National Deep Learning Network

We are expanding deep learning and tackling systemic change through a network of 26 cities. Through the use of the Tools, leadership training and events, we are building common understanding and terminology, sharing knowledge, and developing coherence. We have cultivated 77 partnerships, through cooperation with universities and other stakeholders. We will share examples from the student, school and city level.

1C Cindy Macomber, Katherine Ware, Monomoy Regional School District, Massachusetts, USA

Deep "Cs" Diving

The presentation will highlight how teachers collaborate to explicitly teach the 6C's through project-based learning. Some examples will include three challenges: the Valentines Love Chop where students learned about collaboration, Creating a Mini-Golf course, where creativity was the focus, and the State Fair project where students learned about the importance of community.

1D Maggie Arruda, David J Marr, and Marissa Rausseo, South Coast Education Collaborative, USA

Using the 6Cs to Promote a Culture of Well-Being

The best medicine for well-being is promoting a culture that enhances the 6C's of Deep Learning plus one, Connections. Our special education team will provide insights gained through our journey toward implementing NPDL across our school culture and into classrooms. We will present samples of student driven lessons and projects that demonstrate how we have been able to connect across disciplines to contribute to creating learning environments that put the "WE" back into well-being.

1E Joanna McKinney and Christy Booth, Birmingham Michigan, USA

Write to Right: How eighth-grade student authors made a global impact

After watching the TED talk "The Danger of a Single Story" by Chimamanda Ngozi Adichie, students in an eighth-grade language-arts class sought texts to enlighten and educate; Through collaborative problem solving, creating partnerships, and leveraging digital, students then wrote their own stories, translated, and sent them to school libraries in distant places. Students were able to combat illiteracy and "the danger of a single story" and at the same time, they were able to share one story, their story.

1F Joanne McEachen, NPDL Global Team

Assessment for Deep Learning

Measuring deep learning outcomes like character and citizenship requires Authentic Mixed-Method Assessment (AMMA)––the process of gathering the breadth of learning evidence that provides a full understanding of learners and their needs. Through rich and layered learning experiences grounded in curricular content and aimed at the development of deep learning outcomes, educators can gather the evidence they need to measure each learner's journey to lifelong success.

1G NPDL Global Team

What's Deep About Deep Learning?

This interactive session provides a road map for deep learning-what it is, why it is important, how it works, and how it is making an impact. Explore resources and real-life examples that build the capacity of teachers, schools and districts to create learning experiences that give purpose, unleash student potential, and transform not only learning, but life itself. A great session for those new to New Pedagogies for Deep Learning.

Insight Sessions 2
1:45–3:00PM

2A Frank Bradica, Ontario, CANADA

NPDL Leadership – Some Practical Considerations for Schools and Districts

Are you implementing NPDL in your classroom, school or school board? Are you wondering about those practical questions and considerations to implementation or are you wondering how to take deep learning to the next level? Then this session is for you – we've spent 6 years implementing deep learning throughout our school and school board and we have learned a lot along the way! Participants will explore operational/procedural considerations to implementation – getting started, school organization, aligning professional learning, mentorship, and supporting the learning.

2B Susannah Harris, Rita Lukss, Lyndsay Keyes, Ottawa Carleton District School Board, CANADA

From Forest to Lab – Developing the 6Cs Throughout our School Community

Learn how an Ottawa based public elementary school has enabled opportunities for a school-wide community to connect, communicate, and collaborate through a variety of learning partnerships and deep learning experiences. Projects include using technology (Google Hangouts) in kindergarten to connect with other classes within the OCDSB, primary coding, and junior forest school. Join us for an overview of our professional learning journey as we build deep-learning capacity within our greater school community.

2C Claudia Brovetto, Gabriela Bentancor, Carlos Libisch, Ramón Silveira, Verónica Zorrilla de San Martín, URUGUAY

Towards the Design of a System for Moderation of Deep Learning Exemplars at a National Level

This session presents the design of a system for moderation of deep learning exemplars at the national level in a cluster of 600 schools across Uruguay. In 2018 -19 teachers shared approximately 1000 exemplars through an online platform specifically designed to create a shared space of exemplars. The platform also offers a means for moderating the activities at a large scale and for providing the corresponding feedback to the authors. The session includes examples of the exemplars, the organization of the system and the platform.

2D Margot McKeegan, CORE Education, NEW ZEALAND

Personalise your NPDL Journey

Deep learning is not just for students. In this session, explore some innovative ways you can support educators to be agentic and deepen their professional practice. Practical examples and strategies will be shared to personalise learning for educators, leading to enhanced outcomes for learners.

2E Ellen S. Perconti, Goldendale School District, Washington, USA

Communicating when leading from the middle – building shared mindsets for deep learning

This session will focus on the importance of communicating up in systems while leading change of deep learning. No matter where we are in the system, there are other decision makers that need to learn, develop an understanding of alignment and coherence, and grow new skills in the implementation of deep learning. Strategies and tools will be shared.

2F Terhi Nissinen, Harri Jurvela, Kristiina Järvelä, FINLAND

Localizing Deep Learning in Finland

In this session we will share two deep learning case examples from Finland: Case Kerava –shares our renewal of deep learning partnerships at the kindergarten, neighborhood and municipal level. Case Tampere – features our capacity building networks for teachers and principals which have supported the development of deep learning.

2G Dr. Amy Miner, Dr. Joe Backman, Utah State Cluster, USA

Exploring a Teacher Created 6Cs Curriculum: the Process, Products, and Outcomes.

In this session, Utah state cluster leads will share the process and results of engaging teachers in creating a district-wide 6Cs curriculum aligned with content core standards. Process, examples, teacher and student artifacts, and data will be shared.

Day 2

Insight Sessions 3
10:15–11:30AM

3A Dan Mooney, Megan Maguire, Lisa Mele, Van Hoosen Middle School, Michigan, USA

Beginning and Growing the NPDL Journey in Your Building

Our Middle School is in year three of our NPDL journey. We will share our implementation steps to date including what has worked as well as pitfalls we've encountered. An emphasis will be placed on how we have integrated other frameworks with our NPDL implementation that have been helpful. Specific examples of how this work is helping to transform learning for our students, educators and our community. It truly does take a village to transform to a new way of being. Let's continue to learn together!

3B Suzanne Smart, Waterloo Catholic District School Board, CANADA

Deep Learning as Human Centered Design

By starting with empathy and learner centered design, educators at Waterloo Catholic District School Board have created resources to support students and educators in deepening learning. NPDL flip books serve as entry points to the 6Cs that help educators to model questions that frame learning, support student metacognitive processes, facilitate coaching conversations, and lead to closer exploration of the progression rubrics. As we move forward with Deep Learning as a system, the co-creation of resources and exemplars serve as rich learning opportunities that develop coherence.

3C Charles Seekell, Jason Dorrance, Jon Murphy, South Coast Educational Collaborative, USA

Can You Eat Too Much Low Hanging Fruit? Deep Learning for students with social-emotional and trauma related issues

During the 2018-2019 school year, the South Coast Educational Collaborative – Gallishaw High School began implementing Deep Learning practices with a high school population comprised of students with cognitive, social-emotional, and trauma-based issues. Within the context of the Coherence Framework, teaching, clinical, and administrative staff have implemented systemic changes aimed at fostering the growth of Deep Learning. This session will describe the implementation process, curriculum and rubric modifications needed, lessons learned, and plans for the future.

3D Jennifer Flinn, Allison Kinahan, Ottawa Catholic School Board, CANADA

Sustaining Deep Learning Momentum through Intentional and Innovative Strategies and Initiatives

This is our sixth year involved in Deep learning and our third year of a full system scale of Deep Learning across our 84 schools. Our focus is on sustaining momentum and deepening the learning and implementation. We will share how we continue to sustain momentum through optional Leading & Learning Journey opportunities, Deep Learning Walks and connecting Strategic Commitments and embedding Deep Learning into existing priorities.

3E Stacie Woodward, Jennifer Gottlieb, Renee Valentine, Oakland and Clarenceville Schools, Michigan USA

What is Deep, Anyway?

Ever wonder how to deepen what you are already doing in your schools/classrooms? In this session, we will build a shared understanding of deep learning and consider what it takes to go deep. We will explore the complexities involved in supporting educators as they work to deepen learning with their students. Join us while we share the "aha" moments we have had in our journey to deeper learning.

3F Jean Clinton

Jean Clinton: Follow up

For those wanting more, Jean will facilitate a follow-up after her keynote address. Come to this session ready to ask questions, engage in conversations and dig deeper. Together, let's tackle the tough issues of student well-being.

3G Cade Englefield, Ross Hastings, Christchurch South Intermediate, NEW ZEALAND

Forming a Unified Whole - Processes to Change Practice

This insight session will focus on embedding the Collaborative Inquiry Cycle in school and cluster contexts. Cade and Ross will share practical examples of how teacher and leadership practices have been developed in alignment with the NPDL Coherence Framework at Christchurch South Intermediate and across the Kahukura Cluster. It will also showcase the Kahukura Clusters inquiry into students' agency and how this is supporting a further iteration in understanding of Deep Learning for both teachers and students in 2019. Participants will be provided with a range of resources to take away as well as ideas to use in their own contexts to support the deepening of learning and teaching.

Insight Sessions 4
2:00–3:15PM

4A Jim Tayler, Ontario ,CANADA

Creating a Deep Learning Culture Through Student Voice, Leadership, and Action

What role do students play in creating a deep learning culture? How do students become change agents themselves in a school? This session will explore how students at Glashan PS have contributed to the change process through the creation of new learning partnerships and broadened opportunities. Jim will explain how students are engaged locally and globally while using the 6Cs as both an anchor and road map in their own deep learning journeys.

4B Gwen Keith, Terry Jordens, Lynn Colquhoun, Holy Family Catholic Separate School Division, Saskatchewan, CANADA

Making a Nest and Hatching Eggs: A System Story of Implementing Deep Learning from Vision to Measured Classroom Practice

Holy Family Roman Catholic Separate School Division will demonstrate the evolution of deep learning in the system highlighting a number of key experiences including:

- Creating the culture for innovation through pathways and invitation
- Aligning with targets and goal achievement
- Maintaining values and evolving competency experience
- Integrating several levels Well-Being
- Design of a coherent model

4C April Smith, Laurie Long, Avon Maitland, District School Board, CANADA

Moving Beyond Student "Voice": Becoming a Deep Learning Organization by Respecting Student and Educator Agency

Avon Maitland District School Board is in its sixth year and will share their journey and lessons learned in bringing deep learning for students and educators across the district in all ten of their secondary schools (grades 7-12). Building on early learning from implementation of New Pedagogies for Deep Learning, AMDSB has partnered with students, educators and union leadership to develop a shared vision about how to "blow the lid off learning." Through co-facilitated student and educator symposiums, conversations about Re-imagining Education in AMDSB are shaping the future direction of learning in the district.

4D KC Knudson, Northwest Regional Deep Learning Cluster, Washington, USA

Your Brain on the 6Cs

Many believe the rigor of deep learning is just "too much" for learners with special needs and those touched by the tragedies of childhood trauma. Nothing could be further from the truth. This session explains why your traditionally marginalized students need deep learning the most. Participants explore the positive brain-based, neurological response to teaching that incorporates the six global competencies while experiencing the learning that creates this response.

4E Shannon Ladwig, Christina Ramos, Dan Ma, Hacienda La Puente Unified School District, California, USA

Don't Stop Believing… The Journey to Awaken Deep Learning in Middle School

Our middle school in Hacienda La Puenta will share the first year of their Deep Learning journey — how the teachers and principal teamed up and included students as partners in designing lesson goals and outcomes. Learn about the variety of projects and the deepening of rigor through student choice. Our presentation will also include details about how we used the NPDL tools, leveraged digital, and showcased the outcomes with families. The team will invite your suggestions as we prepare for deepening and expanding the work in year 2.

4F Theron Murphy, Andrea Paxman, Dr Amy Miner, Utah State Cluster, USA

Connecting the 6Cs and Well-Being

In this session, presenters will share the process and results of creating a district-wide well-being team to address instruction, intervention, and extension opportunities of the 6Cs through a well-being lens.

4G NPDL Global Team

Collaborative Moderation

In this interactive session, participants will experience a simulated moderation. This is a collaborative process that examines the quality of the learning design through the lens of the four elements: Pedagogical Practices; Learning Environments; Learning Partnerships and Leveraging Digital. We will also explore the professional and collaborative conditions that support the process. This session is intended for those new to moderation or interested in conducting moderation sessions in their own jurisdictions.

Global Competencies: 6Cs

New Pedagogies for Deep Learning™
A GLOBAL PARTNERSHIP

Character
- Proactive stance toward life and learning to learn
- Grit, tenacity, perseverance and resilience
- Empathy, compassion and integrity in action

Citizenship
- A global perspective
- Commitment to human equity and well-being through empathy and compassion for diverse values and world views
- Genuine interest in human and environmental sustainability
- Solving ambiguous and complex problems in the real world to benefit citizens

Collaboration
- Working interdependently as a team
- Interpersonal and team-related skills
- Social, emotional, and intercultural skills
- Managing team dynamics and challenges

Communication
- Communication designed for audience and impact
- Message advocates a purpose and makes an impact
- Reflection to further develop and improve communication
- Voice and identity expressed to advance humanity

Creativity
- Economic and social entrepreneurialism
- Asking the right inquiry questions
- Pursuing and expressing novel ideas and solutions
- Leadership to turn ideas into action

Critical Thinking
- Evaluating information and arguments
- Making connections and identifying patterns
- Meaningful knowledge construction
- Experimenting, reflecting and taking action on ideas in the real world

> **More information and registration here: https://npdl-events.eventsmart.com/**

future schools

Project Goal:

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

According to OECD, **"Future-ready students need to exercise agency, in their own education and throughout life. Agency implies a sense of responsibility to participate in the world and, in so doing, to influence people, events and circumstances for the better. Agency requires the ability to frame a guiding purpose and identify actions to achieve a goal. To help enable agency, educators must not only recognize learners' individuality, but also acknowledge the wider set of relationships – with their teachers, peers, families and communities – that influence their learning."**

Prompt for Learners:

What should learning look like in the schools of the future?

Share your ideas and action plans regarding learning in your school, district, country or the world.

"Students who are best prepared for the future are change agents. They can have a positive impact on their surroundings, influence the future, understand others' intentions, actions and feelings, and anticipate the short and long- term consequences of what they do."

(The Future of Education and Skills: Education 2030, OECD 2018)

Platform(s):
Twitter **#NPDLfutureschool**

Scope and Sequence:
- Cluster leads are encouraged to share this resource with their district/board/school NPDL leads and teachers, to generate interest in participating in this deep learning task across their school/district/country clusters
- Interested participants are given the prompt as a discussion starter, as well as the following resources:
  - http://www.oecd.org/education/Envisioning-the-future-of-education-and-jobs.pdf
  - UN Sustainable Goal #4 Quality education
    - Español
    - Français
- AMDSB NPDL Leads are able to moderate a Twitter conversation prior to and during the NPDL Global Deep Learning Lab, Vancouver, April 2018
- Learners interact with the relevant resources prior to the collaborative, digital conversation
- Learners pursue an understanding of, and create an action plan that is most relevant to them based on their context to respond to the prompt
- Learners create an action plan, and share via the hashtag **#NPDLfutureschool** and/or in a Twitter chat prior to and during the Global DLL (Toronto 2019)
- Avon Maitland District School Board NPDL Leads can moderate a Twitter conversation (prior to and during the NPDL Deep Learning Lab, November 2019)
- Leading up to and during the Global DLL, participants will be encouraged to interact, ask questions and
- celebrate each other's contributions and learning via twitter
- **#NPDLfutureschool** tweets will be projected at the Global Deep Learning Lab (Toronto, 2019)
- After the conversation, participants will be encouraged to continue collaborating with other learners in the chat from around the world

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

Four elements connections

1. 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

2. 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

3. Learning Environments
- 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

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

Twitter
#NPDLfutureschool

Pre Conference

Dive into Deep Learning: Tools for Engagement

Sunday November 10, 9am–3pm

This full day overview provides a powerful introduction and preparation for the Deep Learning Lab. The session will foster the development of a deep learning lens and some know-how that is crucial to becoming a problem-solving change agent in our global society. Participants will be introduced to the framework and tools that allow educators to analyze student work and measure progress. Templates, planning guides, and tips from the Global Team will also be shared. The newly released, Dive Into Deep Learning: Tools for Engagement will be provided.

Cost for NPDL members: US$250. Cost for NPDL non-members: US$350.

Post Conference 1

Deep Learning Expo

Wednesday November 13, 10am–12pm

In this informal, interactive session, school teams will share their journey into deep learning. This is a powerful opportunity to see what's happening on the ground in schools and classrooms around the world and engage in discussions about the "how" of deep learning.

There is no cost for people attending the Deep Learning Lab.
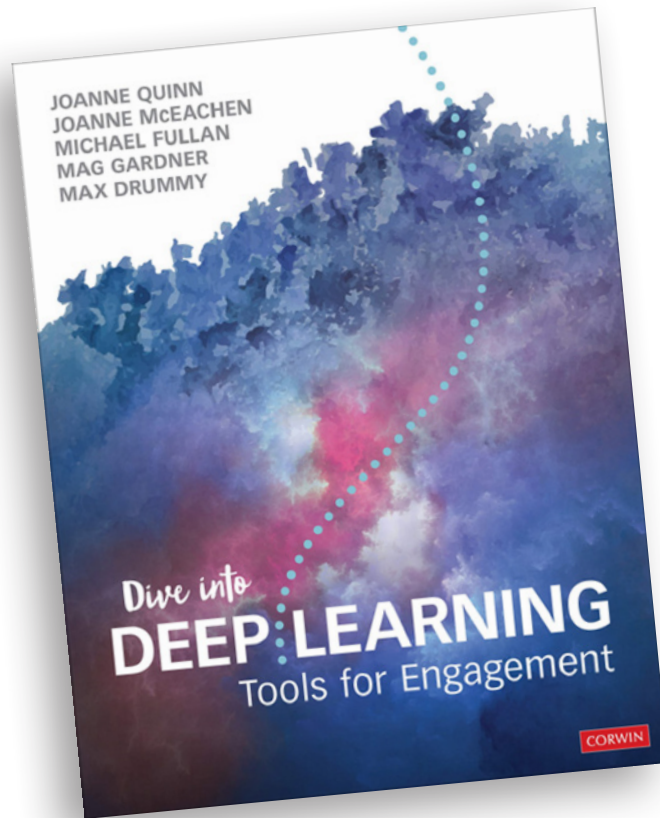
Post Conference 2

Dive into School Conditions

SOLD OUT

Wednesday November 13, 9am–3pm

This full-day collaborative inquiry session is adapted from our NPDL Deep Dive strategy. The leadership team of a Toronto School will take us on a school tour and share their strategic thinking and reflections, using the School Conditions Rubric as a common reference tool. In the afternoon, NPDL members will learn how to facilitate a Deep Dive in their own schools and districts.

Space is limited; participants are asked to attend the full day. This program is available to NPDL members only. Cost: US$100.

> **More information and registration here: https://npdl-events.eventsmart.com/**

New release! Get your copies at the Deep Learning Lab!

Books will be available for purchase.

The learning experts in system change and learning, with their school-based partenrs around the world, have created an essential companion to their runaway best-seller *Deep Learning: Engage the World Change the World*. *Dive into Deep Learning* is a hands-on guide that provides a road map for building capacity in teachers, schools, districts and systems to design Deep Learning, measure progress, and assess conditions needed to activate and sustain innovation.