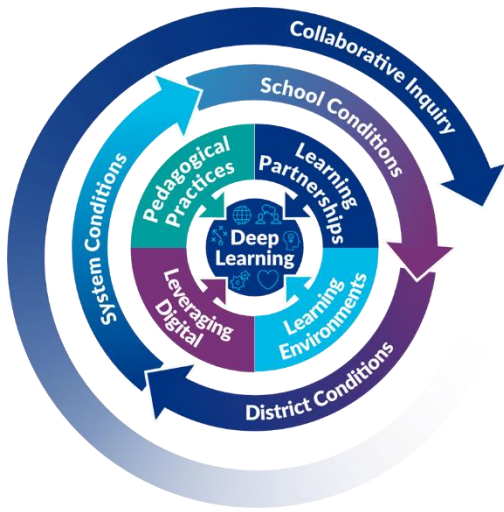# New Pedagogies for Deep Learning

# Getting Started Guide 2023

New Pedagogies for
**Deep Learning**™
A GLOBAL PARTNERSHIP

**New Pedagogies for Deep Learning** is a Global Knowledge Building Partnership dedicated to transforming learning by building knowledge about deep learning competencies, the pedagogical practices that develop them, and ways to measure progress. We believe every child deserves an opportunity to develop the competencies of collaboration, communication, critical thinking, creativity, character, and citizenship so that they can thrive now and in the future. We are joined by families, teachers, leaders and policymakers worldwide who are jointly seeking ways to transform pedagogy and provide conditions that will facilitate deep learning.

## Our Purpose:

To foster deep learning so that all learners contribute to the common good, address global challenges and flourish in a complex world.

We do this through:

- Engaging systems in collective effort to mobilize deep learning.
- Identifying deep learning work within those systems.
- Capturing and cultivating new pedagogies that advance deep learning.
- Operationalizing, refining and validating measures for deep learning.
- Diffusing new practices and understandings

### Global Deep Learning Competencies

Six deep learning competencies define what it means to be a deep learner. Learning progressions for each of the 6 competencies add precision by specifying the dimensions of each competency. They are used to design and assess learning and to measure growth in the competency.

# How do we shift from Traditional to Deep Learning?
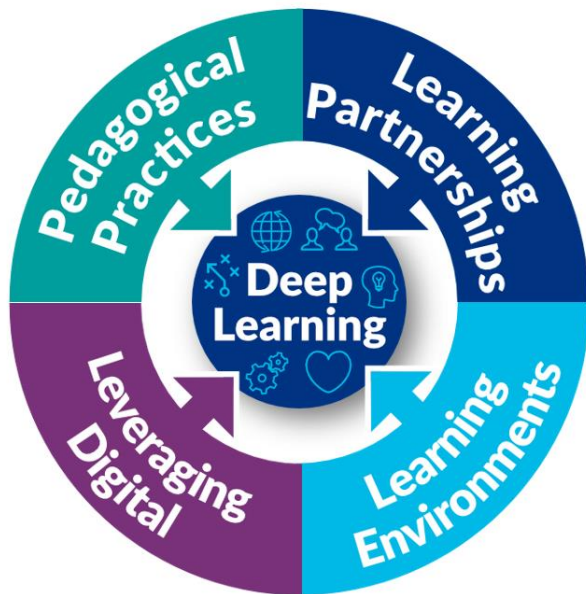


**Four elements** combine to create the new pedagogies that foster deep learning.

Learning Partnerships focus on the way students and teachers partner with one another and with parents, experts, and the community across classes, schools, and countries. The new relationships to reframe learning by connecting learners to authentic opportunities locally, nationally, and globally. As learning becomes more relevant and authentic, it moves beyond the classroom walls and builds on interests and talents organically.

Learning Environments has two essential and interrelated aspects. The first involves the cultivation of a culture of learning that unleashes the potential of adults and students alike and the second addresses the design of physical and virtual space that optimizes the acquisition of the competencies.

Leveraging Digital allows us to amplify, accelerate and connect learners and learning, enhancing partnerships and supports students' capacity to take control of their own learning both within and outside the classroom walls.

Pedagogical Practices emphasize the need to explicitly consider and use teaching strategies that will engage and provide all learners opportunities for success.

## The Collaborative Inquiry Cycle

The Collaborative Inquiry cycle is used to mobilize and collectively create the knowledge required to enable whole system change and deep learning. At every level of New Pedagogies for Deep Learning (i.e., within schools, within clusters, and across the entire global partnership), we use the Collaborative Inquiry Cycle:

- Students design, assess and monitor their own learning
- Teachers collaborate to assess, design, implement and reflect and adjust learning; and
- Leaders assess the learning conditions that support deep learning and design strategies to create improved conditions.
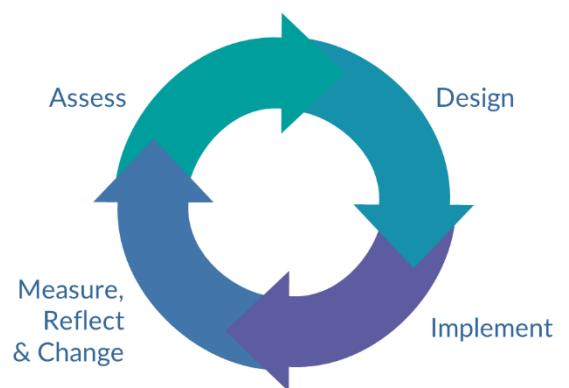
# Enabling and Supporting Deep Learning

Our Suite of Tools assists implementation of Deep Learning at all layers of a System; from the classroom to school and District levels.

| Global Competencies | Designing Deep Learning | Building Capacity for Deep Learning |
|---|---|---|
| **Deep Learning Progressions**<br>Character ⬧ Citizenship ⬧ Collaboration<br>Communication ⬧ Creativity ⬧ Critical Thinking<br><br>**Student Friendly Deep Learning Progressions**<br>Character ⬧ Citizenship ⬧ Collaboration<br>Communication ⬧ Creativity ⬧ Critical Thinking<br><br>**Student Self-Assessment Tool** | ⬧ Learning Design Rubric<br><br>⬧ Learning Design Planning Template<br><br>⬧ Learning Design Coaching Tool<br><br> | ⬧ Teacher Self-Assessment Tool<br><br>⬧ Simple Conversation Guide<br><br>⬧ School Conditions Rubric<br><br>⬧ District Conditions Rubric |

The Deep Learning Hub ( a members-only resource) is a collaborative learning platform designed to support teachers, schools and districts in their deep learning journey. The Hub offers a range of tools, examples and resources geared toward capacity building and collective innovation.
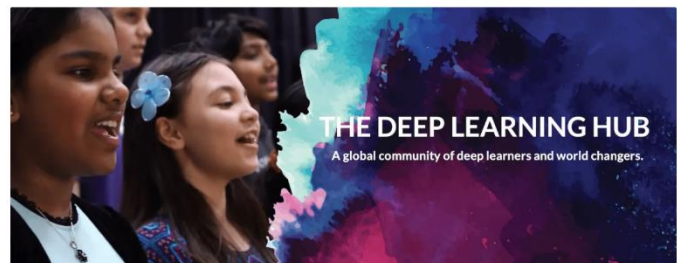


LEARNING EXPERIENCES THAT FOSTER THE
Global Competencies



- Involve higher-order cognitive processes to reach a deep understanding of content and issues in a contemporary world
- Include immersion in addressing areas or issues that are often cross disciplinary
- Integrate academic and personal capabilities
- Are active, authentic, challenging, and student centered
- Are often designed to impact the world, locally or more widely
- Take place in a range of settings and increasingly use digital and connectivity

## A NEW SPACE FOR DEEP LEARNING

The Deep Learning Hub 2.0 offers a digital space for members of the NPDL global community to access support and resources, make authentic connections, and learn deeply with one another. Explore what the new site has to offer, and grow every day with your students and others.



A comprehensive system of tools . . .

### Tools & Resources

As a comprehensive set of learning progressions, rubrics, and protocols, NPDL's suite of new measures and other tools will help you establish the conditions and develop the pedagogies that enable deep learning competencies for every student.

Start your journey with the tools themselves, then explore NPDL's Global Reports and Deep Learning Series to see how educators are using these tools to bring deep learning to life.

Tools & Resources

### Capacity Building

With deep learning, everyone's learning. NPDL's wide-ranging capacity building materials and opportunities support partners in their ongoing journeys of learning and improvement.

Build your individual and collective capacity with six deep learning modules, support resources including Leadables and webinars, globally moderated learning Exemplars, and deep learning videos from around the world.



Building collective capacity . . .

## Capacity Building Services

A key to successful implementation is targetted and sustained Capacity Building for Teachers and Leaders.

The Phases of Implementation represent a general developmental progression as schools and systems implement the NPDL framework.

The Strategic Design phase occurs prior to formal engagement as a member school/district.



**Phases of Implementation**

**Strategic Design**
- Assessment of needs and current capacity
- Selection of schools and leaders
- Orientation

**Clarity**
- Initial capacity building
- Common understanding and language
- Capacity with tools and processes
- Participate in two learning design cycles

**Depth**
- Increase skills and frequency using learning design cycles
- Increased engagement in moderation and re-design
- Build explicit leadership strategy and capacity

**Sustainability**
- Embed learning design cycle across whole school
- Accelerate precision
- Amplify shared leadership and engagement

**Building Clarity – through Year 1 of partnership**
Below is a sample model for Year one implementation support.

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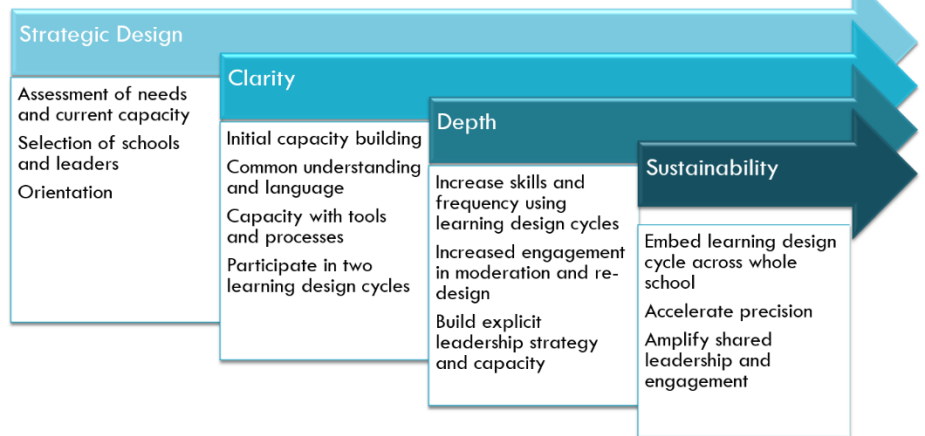
**Initial 2-Day Capacity Building Institute**
Target Audience: Teachers and School Leaders from member schools.

**Day One**
- What's Deep about Deep Learning?
- The Global Competencies for Deep Learning- 6Cs
- The Four Elements of Learning Design
- The Deep Learning Progressions

**Day Two**
- Designing Deep Learning
- Building Capacity for Deep Learning
- Assessing our School Conditions
- School/District Planning Time

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**Many schools have benefitted from additional Capacity Building.**

**Sample Agendas:**

**Day 3** - Capacity Building Workshop - sample content:

Target Audience: Teachers from member schools, ideally the same teachers as attended days 1 and 2
- [re] Designing Deep Learning
- The Global Competencies - developing shared understandings
- The Four Elements in action
- Teachers as Activators
- Planning/consultancy time

**Days 4 and 5**
Target Audience: Teachers; ideally those who attended previous days
Agenda and focus areas co-constructed based on needs but generally including:
- Introduction to Moderation
- Barrier Busting
- Design and further refinement of learning experiences

**Going Deeper**
Recommended: 3-4 days of Capacity Building spaced across the second year; agendas and focus areas co-constructed based on needs. See Appendix 1 - NPDL Capacity Building Opportunities for further details.

## NPDL Facilitators Institutes:

The NPDL Global Capacity Building Team offer regular Facilitators Institutes. These two- or three-day institutes welcomes NPDL members who want to expand or deepen knowledge of and skill in NPDL facilitation, and new districts who want to build capacity to implement and sustain deep learning. Over the Institute participants will develop and consolidate their understanding of our framework, tools, processes and how to effectively build capacity in their school(s) or organization(s). There is a cost associated with these Institutes.
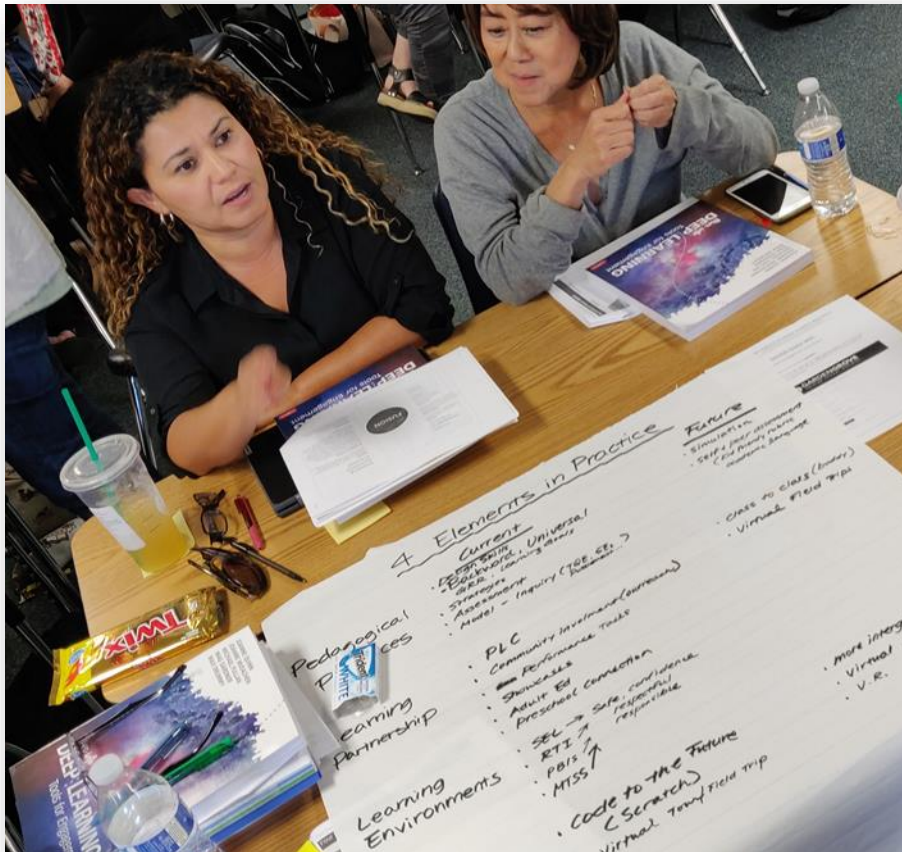
## NPDL – Benefits of MEMBERSHIP

**Our 19 member countries, impacting over one million students, have found that NPDL provides modelling, mentorship, connection, tools and processes that accelerate and deepen learning for all.**

Members of our Partnership have access to:

- **Deep Learning Digital Hub,** which houses the Suite of NPDL Tools (including but not limited to School- District- Cluster conditions rubrics, learning design tools, teacher and student Self-Assessment tools, learning progressions for each of the 6C's, implementation support documentation, Capacity Building resources, exemplars of teaching and learning et al.)

- **Additional vignettes, tools and resources** unavailable to non-members, including over 100 videos, exemplars of practice, Leadables and Feature Stories

- **Capacity Building Institutes** and consultation by the global team (fee for service)

- **NPDL Facilitators Institute**(s) (members only)

- **Interactive themed sessions (Huddles)**

- **Virtual Support** from our regional and global teams focusing on continuous improvement aligned to district agendas, including priorities and strategies

- **Networks** that focus on deepening learning, and share common language, tools and processes for building capacity and measuring impact

- **Local and global moderation** of learning designs

- **World-wide network** of experts and practitioners - Cutting edge research and insights into implementation models, professional learning, assessment and issues including well-being and equity.

- **Blogs** and social media feeds

- **Use of NPDL logo**, brand, resources and materials

- **Global and Regional Deep Learning Labs** at reduced registration price

# Further Information:

## Please feel free contact our Global Capacity Building Team.



**Joanne Quinn**
**Global Director**

Info@deep-learning.global



**Max Drummy**
**Global Capacity**
**Building Facilitator**
mdrummy@deep-learning.global

## Learn more:

**Social Media:**

@NewPedagogies

#NPDL

Facebook.com/NewPedagogies

**Web:** https://deep-learning.global
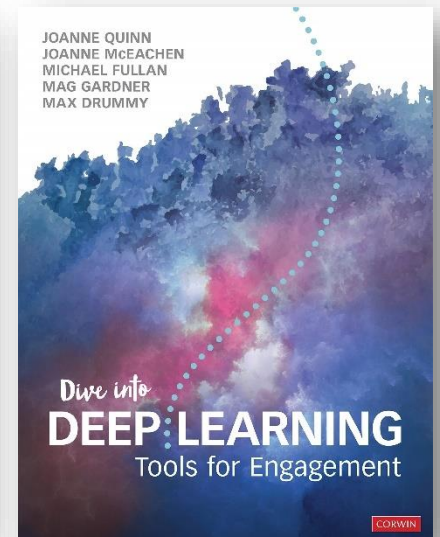
# Appendix 1 – Capacity Building Opportunities



**New Pedagogies for Deep Learning** is a global organization whose purpose is to foster deep learning so that all learners contribute to the common good, address global challenges and flourish in a complex world.

**Essentially, we want to enable all students to be "good at learning and good at life."**
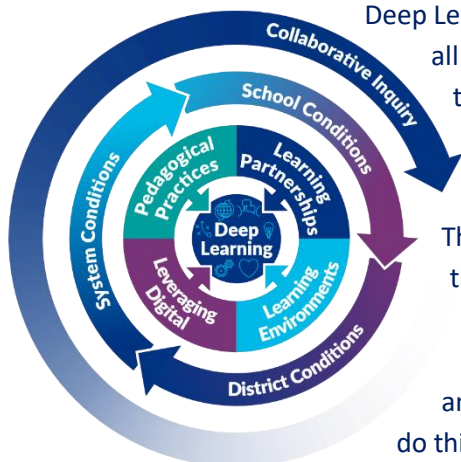


Deep Learning is quality learning that sticks with you for life. It is about developing all aspects of learners—both academic and socio-emotional—so that they thrive. Deep Learning is good for all. It is not a project or program but a shift in the outcomes of learning and the roles of teachers, leaders, families and communities

There will always be teacher outliers, the pioneers who are able to transcend the system and create pockets of excellence; At NPDL, we help large numbers of teachers and leaders in a school, district or jurisdiction mobilize to Deep Learning. We support schools and systems by creating a culture of learning and deep thinking so they can create those cultures for their students. They do this by: establishing norms and relationships that foster transparency of practice; build common language and skills in using research-based instructional repertoire; create intentional mechanisms for identifying and sharing innovative practice; and provide sustained opportunities for teachers to build their capacity—knowledge and skills— in using the new practices with feedback and support.

Our Capacity Building Services are designed with the adult learners in mind. Whether facilitated in person or using virtual platforms, all of our sessions:

- Are Interactive and engaging

- Promote reflective practice

- Are Relevant to learners' contexts

- Generate learner agency

The learning sessions outlined below show some of the popular learning topics available for schools and districts. These can be facilitated face to face or virtually.

Co-designed, customizable and learning sessions are also available. We strongly recommend learners have **Dive into Deep Learning: Tools for Engagement** for reference and support.

**Contact info@deep-learning.global for more information**
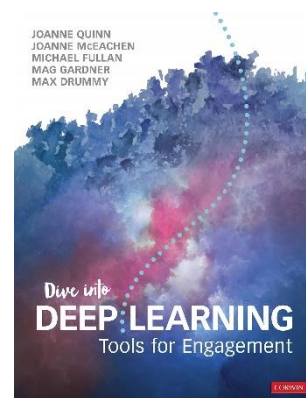
## Face to Face Opportunities

| Learning Topics | Learning Session Description | Duration |
|---|---|---|
| **FOUNDATIONAL LEARNING** | | |
| Deep Learning Overview | An introduction to Deep Learning. Participants develop a Deep Learning lens and are introduced to the framework and tools that allow educators to analyse student work and measure progress. | 1 day |
| Capacity Building Institute | Together school teams learn what is deep learning and why it is important. In 6 modules, they are introduced to the 4 Elements of Design, the Learning Progressions and School Conditions Rubric and apply these to identify their next steps. | 2 days |
| Capacity Building Facilitators' Institute | This institute welcomes NPDL members who want to expand or deepen knowledge of, and skill in NPDL facilitation and new districts who want to build capacity to implement and sustain deep learning. You will develop and consolidate your understanding of our framework, tools, processes and how to effectively build capacity in your school or organization. | 3 days |
| **LEARNING DESIGN: EXTENDED LEARNING** | | |
| Teachers as Activators | This session explores the shifting role of the teacher to activator, culture builder and collaborator. Participants identify their own strengths and needs and identify competencies they wish to develop and co-create an action plan | ½ day |
| Deepening the Learning Design | After educators have experimented with Deep Learning, they return to reflect on their practice and collaborate with others to build on strengths and design improvements for their next learning cycle. | 1 day |
| Assessment | Challenging the notions of traditional assessment, this session explores the range of strategies that advance the six competencies without jeopardizing achievement or high expectations. | 1 day |
| Collaborative Assessment Simulation | Using the collaborative inquiry model, this session facilitates reflection and assessment of a Deep Learning design while deepening professional understanding. Participants are also shown how to facilitate this in their own settings. | ½ - 1 day |
| **LEARNING CONDITIONS: EXTENDED LEARNING** | | |
| Deep Learning Leadership | In this session, we explore the Deep Learning Leader competencies and the collaborative conditions that promote a learning culture for adults, students and community. Leadership skills such as facilitation, consultation, and | 1 day |

| | coaching are also introduced as part of the repertoire. The School or District Conditions rubric is used for assessment and planning. | |
|---|---|---|
| Cultivating a Collaborative Learning Culture | In this session we examine the necessary conditions that allow adult learners to engage, take risks and be innovative. Barrier busting and strategic backwards design planning are also addressed. Participants leave the session prepared with next steps. | ½ - 1 day |
| Deep Learning & Well-Being: The Double Helix | Drawing on brain research, we explore how deep learning and well-being are inextricably linked. One serves the other. Participants reflect on their own practices, locate inhibiting conditions in their learning environments, and identify strategies and next steps that will enable all students to deep learn and thrive in a complex world. | ½- 1 day |

## Virtual Opportunities

| Learning Topics | VIRTUAL Learning Session Description | Duration (Total) |
|---|---|---|
| **FOUNDATIONAL LEARNING** | | |
| Deep Learning Overview | An introduction to Deep Learning. Participants develop a Deep Learning lens and are introduced to the framework and tools that allow educators to analyse student work and measure progress. | 4 hours (2 Modules) |
| Capacity Building Institute | Together school teams learn what is deep learning and why it is important. In 6 modules, they are introduced to the 4 Elements of Design, the Learning Progressions and School Conditions Rubric and apply these to identify their next steps. | 12 hours (4 Modules) |
| Capacity Building Facilitators' Institute | This institute welcomes NPDL members who want to expand or deepen knowledge of, and skill in NPDL facilitation and new districts who want to build capacity to implement and sustain deep learning. You will develop and consolidate your understanding of our framework, tools, processes and how to effectively build capacity in your school or organization. | 20 hours (6 Modules) |
| **LEARNING DESIGN: EXTENDED LEARNING** | | |
| Teachers as Activators | This session explores the shifting role of the teacher to activator, culture builder and collaborator. Participants identify their own strengths and needs and identify competencies they wish to develop and co-create an action plan | 2 hours |

| | | |
|---|---|---|
| Deepening the Learning Design | After educators have experimented with Deep Learning, they return to reflect on their practice and collaborate with others to build on strengths and design improvements for their next learning cycle. | 6 hours (2 Modules) |
| Deep Learning Design in a Digital Space | This session shows how teachers can optimize deep learning within an on-line or hybrid (face to face /online) learning environment. Using the four elements as a lens and the 6Cs as a focus, teachers can continue to engage students and fuel their sense of voice, choice and agency. | 2 hours |
| Assessment | Challenging the notions of traditional assessment, this session explores the range of strategies that advance the six competencies without jeopardizing achievement or high expectations. | 6 hours (2 Modules) |
| Collaborative Assessment Simulation | Using the collaborative inquiry model, this session facilitates reflection and assessment of a Deep Learning design while deepening professional understanding. Participants are also shown how to facilitate this in their own settings. | 6 hours (2 Modules) |
| **LEARNING CONDITIONS: EXTENDED LEARNING** | | |
| Deep Learning Leadership | In this session, we explore the Deep Learning Leader competencies and the collaborative conditions that promote a learning culture for adults, students and community. Leadership skills such as facilitation, consultation, and coaching are also introduced as part of the repertoire. The School or District Conditions rubric is used for assessment and planning. | 6 hours (2 Modules) |
| Cultivating a Collaborative Learning Culture | In this session we examine the necessary conditions that allow adult learners to engage, take risks and be innovative. Barrier busting and strategic backwards design planning are also addressed. Participants leave the session prepared with next steps. | 4 hours (2 Modules) |
| Deep Learning & Well-Being: The Double Helix | Drawing on brain research, we explore how deep learning and well-being are inextricably linked. One serves the other. Participants reflect on their own practices, locate inhibiting conditions in their learning environments, and identify strategies and next steps that will enable all students to deep learn and thrive in a complex world. | 4-6 hours (2 Modules) |