

“ The change lesson here is we need to change the *culture of learning*, not simply the trappings or structures. It cannot be done by policies or mandates. Transformation will only occur when we engage in the work of facilitating new processes for learning. ”

—**DEEP LEARNING: ENGAGE THE WORLD
CHANGE THE WORLD, P. 26**

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Chapter 02

How to Use This Guide

Tools give us precision and clarity, but it's the common language and practices that shift the culture because they foster the conversation. The *Dive Into Deep Learning: Tools for Engagement* guide provides teachers, schools, and districts with step-by-step experiences to build the knowledge and skills needed to foster Deep Learning.

Getting Started

1 Read

Deep Learning: Engage the World Change the World

First, review the big ideas of Deep Learning in the first book and then use the tools and protocols in this guide to help you focus and take action. Consider a book study format to examine the ideas and examples and then explore how they fit your classroom, school, or district.



2 Organize

Learning Partners, Teams, or Networks

Get started based on the needs of your organization. Here are some ways individuals, schools, and districts have formed learning teams.

Role Alike Learning Partners

While individuals may use the tools and approaches independently, collaborative learning teams accelerate and deepen the shift toward new practices. Grade teams, departments, or interest networks of like-minded colleagues can explore the protocols and tools to deepen knowledge and skills in designing and assessing Deep Learning.

Schools

Use the guide to build capacity for Deep Learning with interested groups of staff or as a focus for the entire school. Forming a leadership team accelerates progress as members learn from the work and from each other and apply the ideas and approaches in the classroom.



Developing a high-trust culture of learning is essential for innovation to flourish and is amplified as people learn from and with each other.

District Networks and Teams

Create teams/networks from schools who will learn, apply, and share insights at each step of the journey. Investigate the protocols, apply the ideas in classrooms, and then share findings to accelerate the spread of Deep Learning.



3 Dive In

Tools for Engagement Guide

Use the protocols, vignettes, mini-cases, and examples to extend opportunities to work collaboratively, build new relationships, and learn from the work, individually and collectively.

Organization of the Guide

The book is organized into six sections with twelve chapters:

Section One:	Diving Into Deep Learning
Section Two:	A Framework for Deep Learning
Section Three:	Learning Progressions
Section Four:	Designing Deep Learning
Section Five:	Assessment Practices
Section Six:	Building Capacity for Deep Learning

Incorporated in the *Tools for Engagement* guide are 44 protocols. The Deep Learning process begins with the engagement of staff in common experiences. Protocols are used to facilitate dialogue and critical thinking about Deep Learning. With each chapter, participants develop a greater understanding of Deep Learning by using the set of tools and resources. Figure 2.1 provides an overview of more than 100 tools, organizers, vignettes, examples, and case studies that will help you investigate Deep Learning.

Chapters are organized into four sections:

- 1** Key Concepts
An overview of key concepts, research, and practices are included at the beginning of each chapter.
- 2** Protocols
Each protocol provides a learning strategy to dig into the tools and processes of Deep Learning. They are designed to foster

powerful professional conversations that build skills, knowledge, and insights into practice. Each protocol is described in detail and includes powerful instructional strategies to encourage interaction between colleagues. Each protocol is organized in five sections:

- Purpose: specific learning outcomes for the experience
- Process: steps to facilitate collaborative learning
- Organizers: to record, analyze, or synthesize ideas and insights
- Time: range of time suggested for the learning experience
- Resources: references to pertinent videos and documents

3 Tools
Deep Learning Progressions, rubrics, and processes

4 Resources
Vignettes, which describe Deep Learning experiences, and *Examples* of learning designs from a range of grades and content areas captured using the Learning Design Planning Template

FIGURE 2.1
Tools for Engagement in Deep Learning

Global Competencies	Designing Deep Learning	Building Capacity for Deep Learning
Tools		
Deep Learning Progressions: <ul style="list-style-type: none"> • Character • Citizenship • Collaboration • Communication • Creativity • Critical Thinking 	Learning Design: <ul style="list-style-type: none"> • Rubric • Planning Template • Coaching Tool 	<ul style="list-style-type: none"> • Teacher Self-Assessment Tool • Simple Conversation Guide Rubrics: <ul style="list-style-type: none"> • School Conditions • District Conditions
Student-Friendly Deep Learning Progressions: <ul style="list-style-type: none"> • Character • Citizenship • Collaboration • Communication • Creativity • Critical Thinking 		
Student Self-Assessment Tool		

(Continued)

FIGURE 2.1 (Continued)

Global Competencies	Designing Deep Learning	Building Capacity for Deep Learning
Organizers		
<ul style="list-style-type: none"> • What’s Deep About Deep Learning? • Snapshots of Practice 6Cs Observation • Four As Organizer 	<ul style="list-style-type: none"> • The Four Elements Notetaker • The Four Elements Learning Design Organizer • Four Elements in Action Organizer • Y Chart Organizer • Deep Learning Framework Placemat • Venn Diagram Organizer • Learning Design Rubric Organizer • Looking for Evidence of Pedagogical Practices Organizer • Reflecting on Student Performance • Norms for Assessing a Deep Learning Task • Learning Design Observation 	<ul style="list-style-type: none"> • Deep Listening Exchange Organizer • Teacher Action Plan Organizer • Graffiti Organizer • School Conditions Rubric: Key Ideas Organizer • 100-Day School Deep Learning Plan • Three-Step Interview Organizer • What? So What? Organizer • District Profile of School Conditions Rubric Ratings Organizer • District Deep Learning Plan
Resources		
<p>Vignettes:</p> <ul style="list-style-type: none"> • Bee the Change • Ask Yourself: So What? • Learning to Juggle Life’s Demands • No Planet B • Daily Deep Learning Fitness for the Mind • Learning Outside the Box • The Sky Is Not the Limit • Student-Friendly Language: Meet Them Where They’re At 	<ul style="list-style-type: none"> • Four Elements of Learning Design Poster <p>Deep Learning Design Examples:</p> <ul style="list-style-type: none"> • Learning About Landmarks, Grade 2 • Exploring World Peace, Grade 4 • Exploring Poverty: A Sustainable Approach, Grade 6 • Speed Dating: Critical Thinking and Writing, Grade 10 English • Vulnerable Populations and Economic Activity, Grade 12 Economics <p>Case Studies:</p> <ul style="list-style-type: none"> • Introduction to Collaborative Inquiry • Reflective Practice: A Grade 9 Classroom • Who’s Afraid of Algebra? 	<p>Case Studies:</p> <ul style="list-style-type: none"> • Mobilizing a Districtwide Shift to Deep Learning

Building Capacity for Deep Learning

While there will always be the teacher outliers, the pioneers who are able to transcend the system and create pockets of excellence, we are interested in how to help large numbers of teachers—ultimately all teachers in a school, district, or jurisdiction—take on the new pedagogies that foster Deep Learning. We cannot rely

on individual teachers to turn the tide one by one, but rather, need an approach that mobilizes whole schools, districts, and systems to rethink their practices and provides models for that reflection and action planning. Schools that are on the move toward building precision in Deep Learning begin by cultivating a culture of learning for both the educators and the students. If the teachers and leaders are not thinking deeply, it's unlikely they will create those conditions for their students. The schools and districts that are cultivating cultures of learning and moving most quickly with the new pedagogies build capacity using a range of strategies.

Four Strategies to Build Capacity

- Establish norms and relationships that foster transparency of practice
- Build common language and skills in using a research-based instructional repertoire
- Create intentional mechanisms for identifying and sharing innovative practices
- Provide sustained opportunities for teachers to build their capacity—knowledge and skills—in using the new practices with feedback and support

Cultivating a Culture of Learning

Everyone needs to feel safe and supported in order to take risks and change the way they do things. An important way to build an environment that is safe and innovative is to co-develop norms because they provide a common language of respect and build consistency of practice. Protocol 29 provides a process for co-developing norms for collaborative assessment.

Role of Facilitators

The role of facilitator is critical to the success of Deep Learning in classrooms and for adults. Facilitators, whether in formal or informal roles, act as lead learners and serve as activators, culture builders, and connectors.

Key roles facilitators may take on include


- Clarifying the purpose of the work together
- Establishing a set of norms for working together
- Organizing the learning sessions—dates, times, locations
- Understanding and facilitating the protocols for each session
- Accessing necessary resources
- Encouraging participation by all
- Resolving issues or challenges
- Communicating regularly with team members

Role of Learning Participants

Participants take on five key roles as part of the learning team to

- Represent a range of perspectives
- Share expertise
- Be transparent
- Participate fully
- Apply new understandings and share insights

Use the tools and protocols to explore Deep Learning and dive into transforming learning in your classrooms, schools, or districts!



“ It’s not about pilots or bolt-on programs, but rather it’s a rethinking of the learning process. ”

— *DEEP LEARNING: ENGAGE THE WORLD
CHANGE THE WORLD, P. 117*

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