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Slideshows

Click [here to access the slideshow](#)

Book

Click [here to access the digital copy of the book.](#)

Agenda

My Story of Deeper Learning

What endures? What do I still continue to use decades later?

Part 2: Our World Is Changing

Changes

Metaphor: The Ladder Has Become a Maze

What do students need in order to navigate this maze?

Part 3: These Changes Come with Fresh Challenges

Current Challenges

- Distractions
- Struggle to Collaborate
- Lack of Resilience

Two Traps to Avoid

- Rigid Reactivity
- Techno-Futurism

There is Hope

- A different approach - Vintage Innovation
 - Overlap of the “tried and true and the never tried”
 - Overlap of lo-fi and high tech
 - Overlap of best practices and next practices
 - Show the flow chart
- Highlight moments buck this trend
- Find stories from within your school district

Deep Challenges Require Deeper Learning Grounded in the Notion of Vintage Innovation

Part 4: What Is Deeper Learning?

Brief Overview of Deeper Learning

- Deeper Learning: Skills that Become Habits that Become Mindsets
- The Alignment Between Deeper Learning and Profile of a Graduate

Focus: Deeper Concentration in a Distracted World

- Why this is a prerequisite skill for deeper learning
- A nuanced approach to tech usage
- Building it up incrementally
- Practical: the GRR focus tool
- Conversation: Vertical alignment and human development with focus - especially given the “iPad generation”

Mastery: Deeper Understanding in an Age of Instant Answers

- Depth versus shallow
- How to cover standards and lean into depth
- Why this leads to higher retention of knowledge but also more applied learning

- Why this is critical for Gifted Learners - the need for fluid reasoning and depth
- Practical: The deeper learning choice menu
- Vertical alignment: what standards repeat and build on each other?

Problem-Solving: Deeper Thinking in a World of Smart Machines

- The need for problem-solving in a generative age
- Contrast types of problems: authentic and inauthentic (example of baseball problem)
- Practical: PBL, mini-projects, and design sprints

Curiosity: Deeper Discovery in a Sea of Information

- My epic fail
- Small strategy
- Teaching students to craft and evaluate questions
- Inquiry sprints and inquiry-based learning
- Best practices for inquiry: front-load vocabulary, build a schema, etc.
- Practical: Wonder Day Projects
- Vertical alignment focus: Why do students grow less curious over time? How do we address this?

Self-Direction: Deeper Drive in a Changing World

- Self-starters and self-managers
- Areas where students can own the learning
- A GRR approach to self-direction
- Practical: Self and Peer Assessment Protocols
- Vertical alignment: what does a progression of self-direction look like?

Resilience: Deeper Effort when Faced with Big Challenges

- Fail-ure versus Fail-ing
- The “epic fails” story
- Exploration of learned helplessness
- Practical: Growth Mindset Journal Prompts

Collaboration: Deeper Connection in an Isolated World

- The need for collaboration
- The role of interdependence
- Best practices in grouping
- Practical: Collaboration Toolkit
- Vertical alignment: What collaborative structures can you use and build on over time?

Communication: Deeper Divergence in a Sea of Sameness

- What type of communication stands out in an AI world?
- The role of AI checkers - diagnostic and not punitive
- Revising prompts to be human-driven and AI resistant
- Practical: Writing Prompts

Closure: A story of the power of deeper learning in an unpredictable world



Resources on Empowering Students

Articles on Empowering Students

Choice and Flexibility in Online Assignments

- [Article: Taking Choice Menus to the Next Level](#)
- [4 ways to Craft Choice Menus](#)

Empowering Student Creativity

- [Launch Toolkit: Design Thinking Toolkit for Teachers](#)
- [Design Thinking Toolkit for Teachers](#)
- [PBL Toolkit](#)
- [Vintage Innovation Toolkit](#)
- [Resource: 100+ Free Writing Prompts](#)
- [Resource: Divergent Thinking Challenge](#)
- [Article: Taking Distance Learning Away from the Screen](#)

- [Article: How to Make PBL a Reality in a Distance Learning Environment](#)
- [Article: Podcasting Can Work in Any Subject](#)
- [Article: Reasons to Try Scratch Projects](#)
- [Video Playlist: Maker Challenges](#)

Empowering Student Collaboration

- [Article: Improving Student Collaboration in Remote and Hybrid Learning](#)
- [Article: 3 Ways to Boost Collaboration in Student Projects](#)
- [Article: Taking Collaboration to the Next Level](#)
- [Article: Keys to Creative Collaboration](#)
- [Article: The Difference Between Collaboration and Cooperation](#)
- [Article: Brainstorming Process](#)
- [Helping Students with Project Management](#)
- [Video: Seven Keys to Collaboration](#)
- [Video: Cooperation and Collaboration](#)
- [Video: Synchronous and Asynchronous Communication](#)

Empowering Students to Own the Assessment Process

- [Article: Why Trust Is Vital for Peer Feedback](#)
- [Article: Ten Alternative Assessments](#)
- [Article: Authentic Assessment](#)
- [Article: Why Trust is Vital for Feedback](#)
- [Video: Assessment and Trust Grid](#)
- [Video: Empowering Students to Own the Assessment Process](#)

Tapping into Student Interests

- [Critical Research Process](#)
- [Article: Getting Started with Content Curation the Classroom](#)
- [Video: Students Should Be Content Curators](#)

Tapping into Student Curiosity

- [Sample Unit Plan \(it's inside the Design Thinking Toolkit\)](#)
- [Using a Wonder Week Project to Spark Student Inquiry](#)
- [How to Help Students Ask Better Questions By Creating a Culture of Inquiry](#)
- [What is inquiry-based learning?](#)

Designing Systems

- [Article: 7 Ways UX Design Theory Transformed My Classroom Organization](#)

- [Video: Deep Dive into UX Design](#)
- [Video: UX Design](#)
- [Six Ways to Empower Students to Own the Classroom Community](#)

Additional Resources:

- [Article: How I create sketch animation videos](#)
- [Assessment Toolkit: Includes the conference system, portfolio, etc.](#)

Free eBooks

- [Flow Theory Blueprint](#)
- [Getting Started with Student Choice](#)
- [Guide to Empowering Students](#)

Additional Downloadable Resources from Today



[Wonder Day and Wonder Week Projects](#)



[History Mystery Project](#)



[Set of 10 Wonder Spark Projects](#)



[3 Socratic Seminars](#)

Examples of Student-Centered Projects and Strategies

- [Six Student-Centered Projects for the First Week of School](#)
- [Genius Hour Projects \(Students Choose Topics and Strategies\)](#)
- [Geek Out Projects \(Students Choose the Topics\)](#)
- [Divergent Thinking Projects \(Students Choose the Creative Process\)](#)
- [Wonder Day and Wonder Week \(Students Ask the Questions\)](#)
- [Podcast Projects \(Students Share Their Voice\)](#)
- [Podcast Project Ideas](#)

Lesson Plans / Unit Plans to Download



[Wonder Day Project](#)



[Geek Out Blog Project](#)



[Create a Sport Project](#)

 [Divergent Thinking Mini-project](#)

Protocols to Download

-  [Download the Question Frames / Sentence Stems](#)
-  [Download the Interdependent Protocol for Generating Research Questions](#)
-  [Download the 5 C's of Critical Consuming](#)
-  [Download the Brainstorming Video](#)
-  [Download the P.A.R.T.S. Protocol](#)
-  [Download the Project Management Process](#)
-  [Download the 20-Minute Peer Feedback Process](#)
-  [Download the Peer Feedback Sentence Stems](#)
-  [Download the Mastermind Group Structure](#)
-  [Download the 10 Self-Reflection Questions](#)
-  [Layers of Audience](#)
-  [Download the Failed Experiment Continuum and Reflection](#)

Small Group Protocols

-  [Download the Conflict Resolution Process](#)
-  [Download the Five-Minute Small Group Conference System](#)

Classroom Management

-  [Download the PBL Classroom Management Planning Document](#)
-  [PBL Classroom Management Plan - Google Doc](#)
-  [Download the Student Leadership Team Meeting Template](#)

Self-Assessments:

-  [Download the Self-Reflection Questions](#)
-  [Download the Sample Student Survey](#)
-  [Download the Sample Rubric](#)
-  [Download the Launch Process Rubric](#)
-  [Download the Sample Checklist](#)
-  [Download the Student Conferencing System](#)
-  [Download the Concept Map Handout](#)
-  [Download the Standards-Based Assessment Grid](#)

Peer Assessments:

-  [Download the 20-Minute Peer Feedback System](#)
-  [Download the Structured Feedback with Sentence Stems](#)
-  [Download the Strengths-Weaknesses Example](#)
-  [Download the Prototype Revision Grid](#)

Summative Assessments

-  [Download the Guided Reflections Handout](#)
-  [Download the Reflection Continuum](#)
-  [Download the Digital Portfolio Project](#)
-  [Download the Launch Process Rubric](#)

Free eBooks

- [Getting Started with Design Thinking](#)
- [Getting Started with Project-Based Learning](#)

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