WELCOME!

We will begin shortly.

If you can see the slide, you are all set.

All attendees are muted upon entry.

Please use the chat feature to introduce yourself!



Standards for Professional Learning Week



April 27, 2023

Examining Impact: Standards Assessment Inventory



Standards Kickoff Week overview

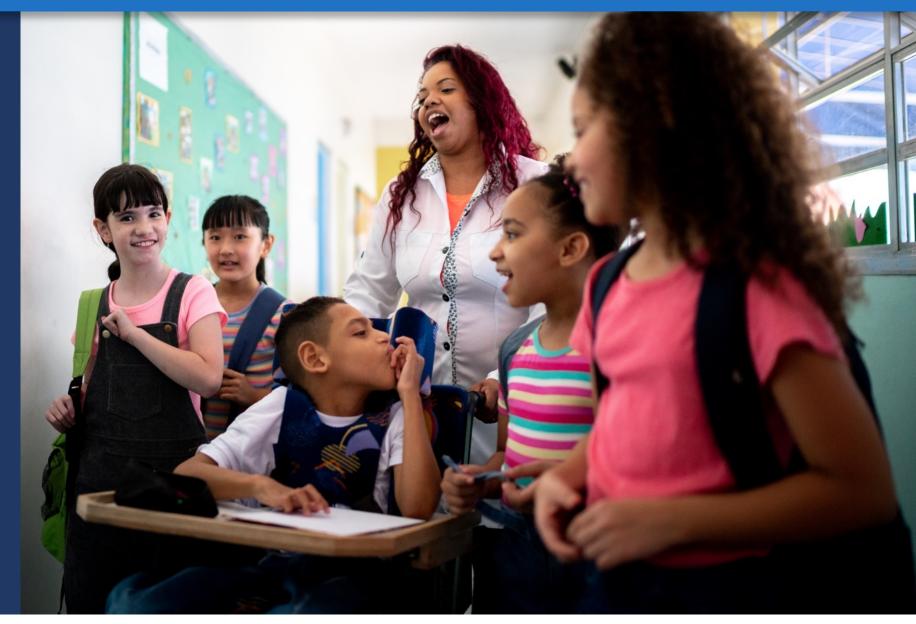
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
April 24 3 pm ET	April 25 3 pm ET	April 26 3 pm ET	April 27 3 pm ET	April 28 3 pm ET
 One year in: Advancing outcomes for all learners Reviewing the state of Standards after Year One Improving learner outcomes by addressing specific challenges Tool: Advancing Outcomes for All Learners 	 Elevating educator voices and behaviors Sharing stories of Standards in context helps initiate implementation Identifying key behaviors helps realize the vision of high-quality professional learning Tools: Vignettes and Innovation Configuration maps 	Following policy pathways to support high-quality professional learning • Policymaking impacts practice and can be integrated in various ways • Tool: Policy Pathways to Standards Implementation	 How assessment of professional learning can lead to greater impact of leading, teaching, and learning Tool: The Standards Assessment Inventory (SAI) 	 Embedding equity for all Identifying common equity challenges and exploring various resources for aligned support Tool: Selected Resources for Equity Challenges

The sessions will be recorded and available at standards.learningforward.org.

Examining Impact: A conversation about serving all students



Tom ManningLearning Forward



Welcome all learners!

How familiar are you with Standards for Professional Learning?

- 1 This is my first exposure to standards.
- 2 I have read the standards and some of the resources.
- 3 I know the standards fairly well and am currently implementing them in my context.
- 4 I know the standards well enough to teach them to others.

Thanks to our supporters

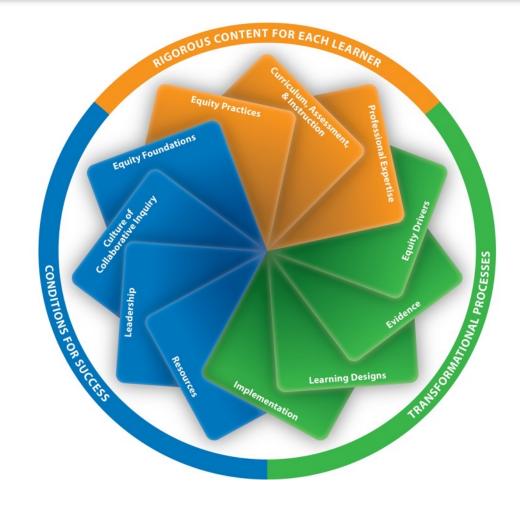






Why Standards for Professional Learning?

- Standards for Professional Learning
 is grounded in evidence from the use
 of past standards and insights from
 the field.
- A literature review and meta-analysis conducted by AIR (American Institutes for Research) found "consistent evidence that program alignment with the Learning Forward Standards for Professional Learning is associated with improved teacher instruction and student achievement outcomes."



The research overview and links to meta-analysis is available at <u>standards.learningforward.org</u>

AIR meta-analysis

Using meta-analysis to understand professional learning standards.



Featured Resource

How Learning Forward's Standards for Professional Learning Are Associated With Teacher Instruction and Student Achievement: A Meta-Analysis

Read the results of the GTL Center's systematic review and meta-analysis of the Learning Forward Standards for Professional Learning to better understand the relationship between the standards and teacher and student outcomes.

Client

Learning Forward

Project

Conducted a systematic review and meta-analysis to understand how evidence of the Learning Forward Professional Learning Standards in professional learning programs is associated with teacher instruction and student achievement outcomes.

Findings

The GTL Center found consistent evidence that program alignment with the Learning Forward Standards for Professional Learning is associated with improved teacher instruction and student achievement outcomes. Investments in professional learning can yield meaningful improvements in student achievement, and the benefits for students come through improvements in instruction.

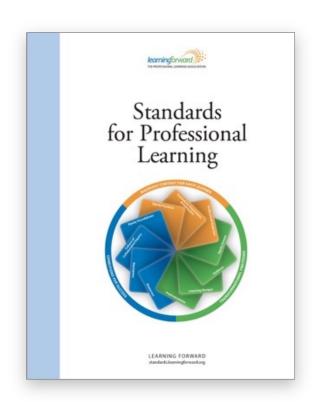
Team

Rachel Garrett, GTL Center Project Lead Qi Zhang, GTL Project Support Martyna Citkowicz, GTL Project Support Lauren Burr, GTL Project Support, American Institutes for Ressearch

Findings overview

The **2022 Standards** have a large positive effect on instruction and student achievement:

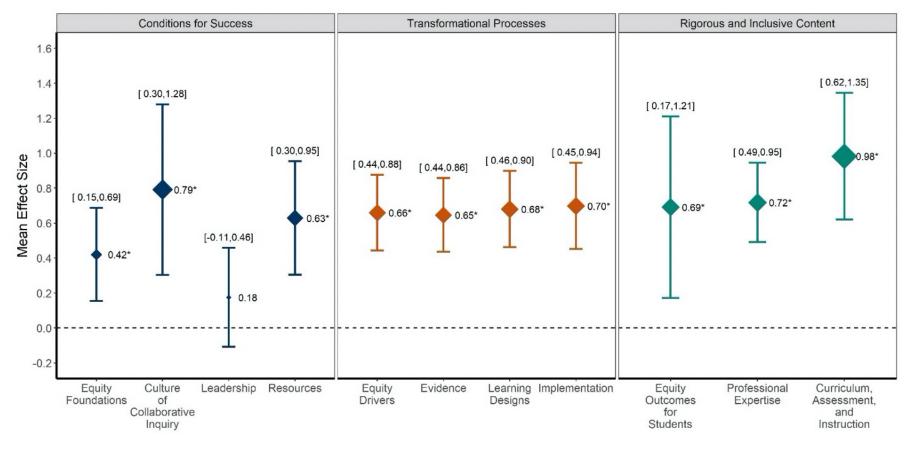
- Each of the 2022 Standards was positively associated with teacher instruction and positively and significantly associated with student achievement.
- Range of effect sizes, but all are significantly different from zero.
- Positive but nonsignificant effect for the revised Leadership Standard; teams are investigating why this is and pointing to other research in our own publication.
- Report from AIR also points to areas in need of further research, AND areas that are better understood through qualitative research such as case studies (especially related to the conditions/context that support high-quality professional learning).



Finding

The **2022 Standards** have a significant positive effect on teacher instruction:

Figure 5:
Average
Effect Sizes
of Teacher
Instruction for
Each 2022
Professional
Learning
Standard



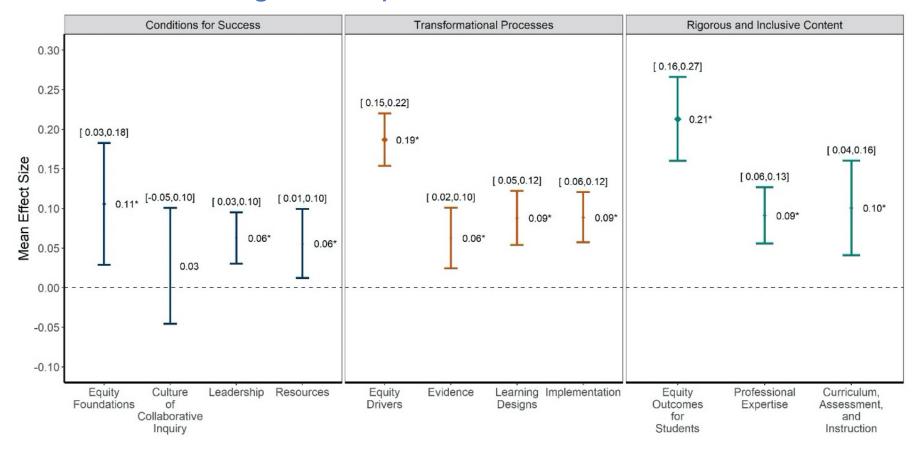
^{*} statistically significant at $\alpha = 0.05$

Notes. Mean effect sizes for the 2021 standards based on teacher instructional observation outcomes. 48 studies, 52 interventions, and 296 effect sizes were represented in the meta-regression models. The models controlled for publication type and level of random assignment.

Finding

The **2022 Standards** have a significant positive effect on student achievement:

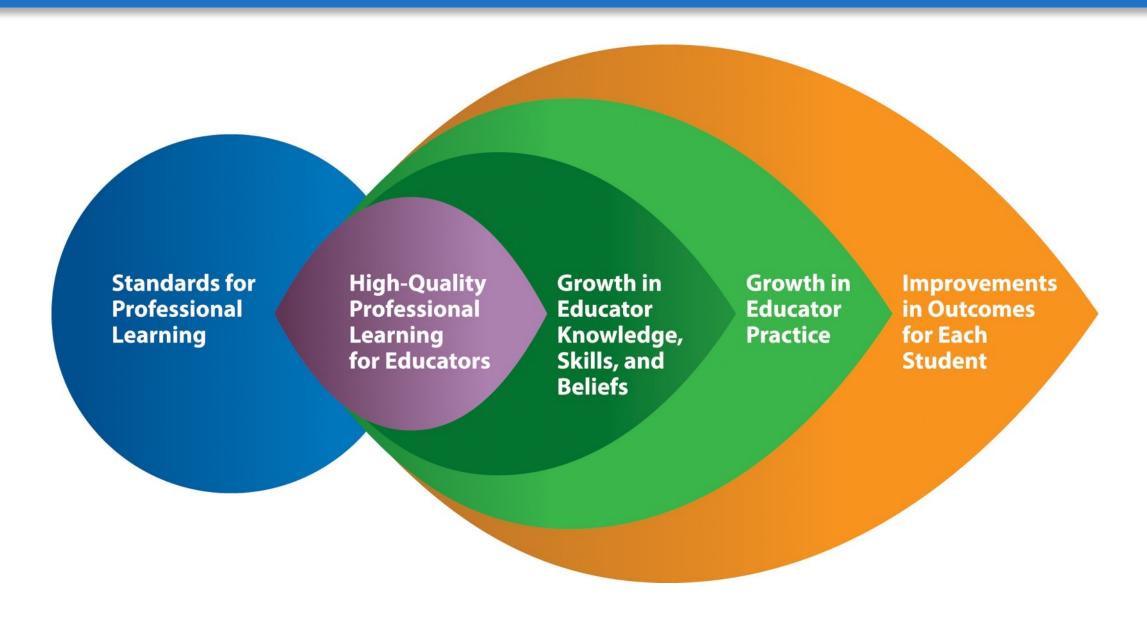
Figure 6:
Average
Effect Sizes
of Student
Achievement
for Each 2022
Professional
Learning
Standard



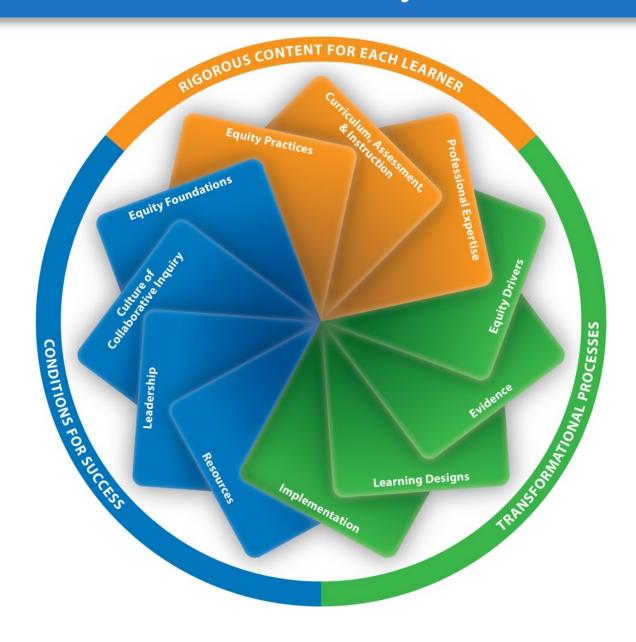
^{*} statistically significant at $\alpha = 0.05$

Notes. Mean effect sizes for the 2021 standards based on student achievement outcomes. Thirty-four studies, 38 interventions, and 186 effect sizes were represented in the meta-regression models. The models controlled for publication type, level of random assignment, and type of achievement measure (standardized or researcher developed).

How standards lead to improvement for all learners



Standards work in concert within a system framework

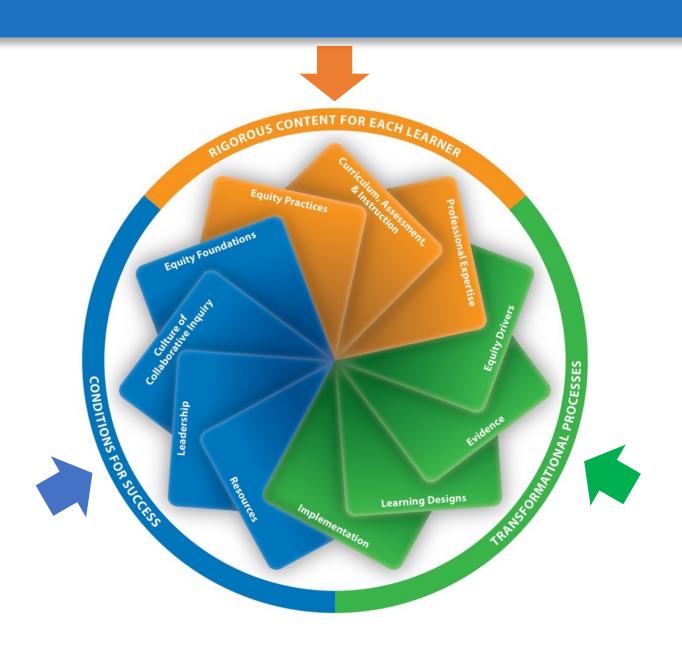


The frames

 Rigorous content for each learner

Transformational processes

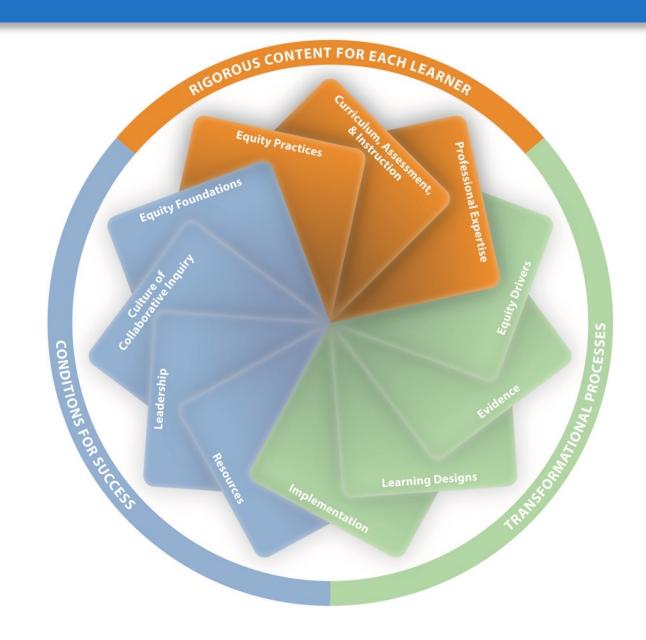
Conditions for success



A system framework

Rigorous content for each learner

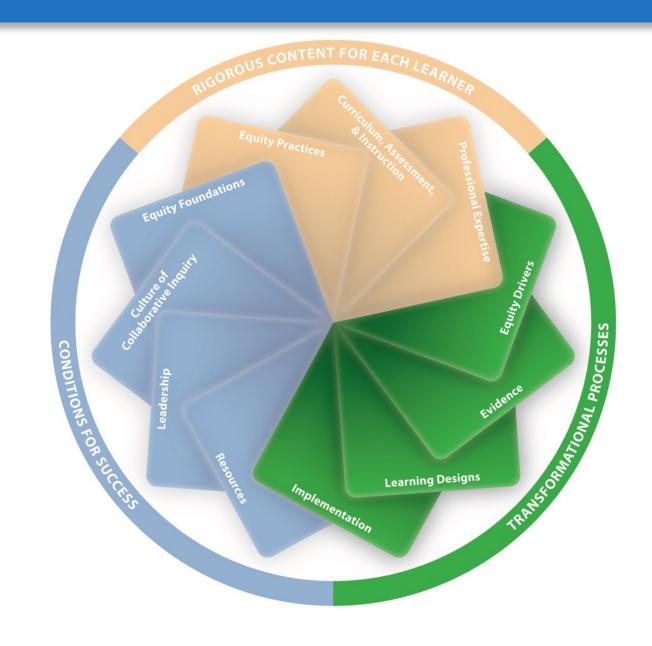
The essential content of adult learning that leads to improved student outcomes



A system framework

Transformational processes

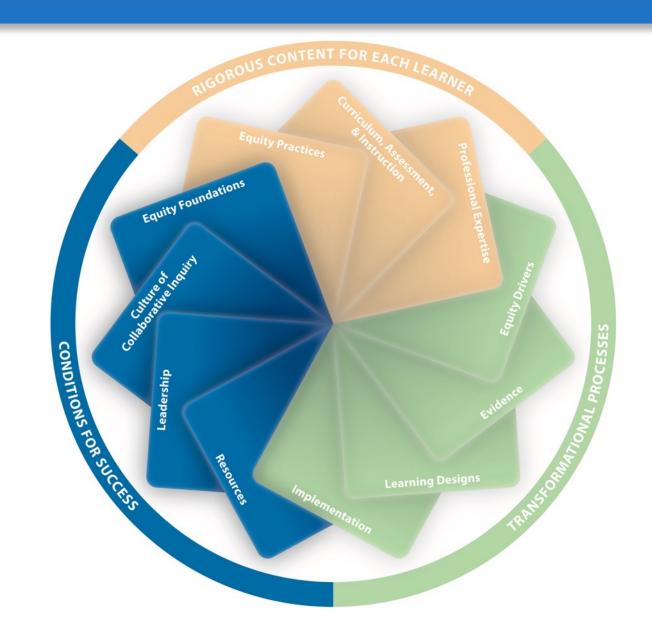
Process elements of professional learning that explain how educators sustain significant changes in their knowledge, skills, practices, and mindsets



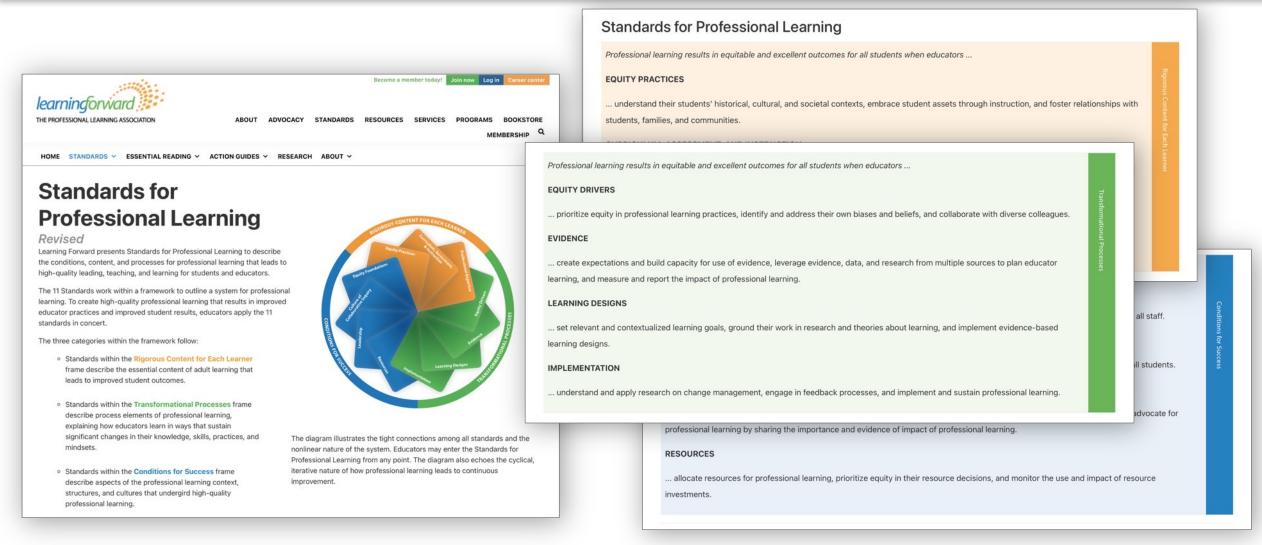
A system framework

Conditions for success

Aspects of the professional learning context, structures, and cultures that undergird high-quality professional learning



Standards summaries



https://standards.learningforward.org/standards-for-professional-learning/#

What is included in each standard?

Common stem

Culture of Collaborative Inquiry



Professional learning results in equitable and excellent outcomes

for all students when educators engage in continuous improvement,

build collaboration skills and capacity, and share responsibility

for improving learning for all students.

Three components or concepts are included in the narrative

Culture of Collaborative Inquiry

role, grade level, and and support their develop individual and collective knowledge and expertise and commit to collective responsibility ogether they can better meet student needs.

Educators engage in strategic and consistent rocesses to develop the habits of mind and practic that make collaboration effective, and they embrace ontinuous learning as a shared responsibility and privilege. Collaborative learning is more than a particular design or format. Rather, it is a holistic approach to professional learning and a key ntributor to a culture of sustained imp

Superintendents, principals, and leaders of professional learning establish expectations for collective improvement and protect time and resources that support ongoing learning. Leaders of professional learning become experts in ollaborative inquiry and support their colleagues understanding their value. Educators in all roles learn in concert, remaining open and curious about their students and colleagues, and supporting one other to achieve the goal of improved learning for

Collaborative Inquiry standard.

EDUCATORS ENGAGE IN CONTINUOU IMPROVEMENT.

ovement structures and practices into their day-to-day work strengthens their knowledge and skills, especially related to their ability to collabora to improve outcomes for all students. Educators us research, school and system goals, and professional expertise to identify the most relevant and promising and engage in professional learning related to the processes, expectations, and tools that will support them as they work toward shared goals and document, analyze, and improve their practices.

educators develop shared goals and then docum collaboratively analyze, and improve their practices reflecting together along the way. They recognize that achieving long-term goals takes time, persistence, and trusting relationships as well as gular cycles of planning, learning, testing, data collection, and analysis.

Educators define a shared problem of practic based on relevant data and an understanding of their own context and challenges, such as addressing student learning variability, implementing curriculum, aligning content across courses, or ntial small-scale improvements to implemen

cycle informs the next, as incremental changes lead with some uncertainty about the outcomes of the

together to create a system

Linkages with other

standards suggest how

these components work

test they are about to undertake because they wi look at the results together and reflect about si

As their confidence in the learning process and in each other grows, educators become arent about their own learning and increasingly willing to make changes that raise and that improvements are multiplied when they deprivatize their practice by sharing information about the results of any strategies they test. The open their doors literally and figuratively to invite tions by peers and constructive feedback

dialogues about successes and challenges. Educators understand that, individually and collectively, they influence student growth, and the believe that each improvement in their mindsets. knowledge, or skills leads to an improvement in omes. They trust their colleagues will support them when they risk failure to test a new structional strategy or acknowledge a blind spo in their approach to student learning. In turn, the support their colleagues as they do the same.

EDUCATORS RUILD COLLABORATION SKILLS AND CAPACITY.

Professional learning increases educators knowledge about the benefits of collaboration and rengthens their capacity and skills to collaborate. Together, educators identify, practice, assess. nd refine the skills and practices that foster collaboration. They seek opportunities to practice collaborative skills such as active listening, ensuri parity among speakers, respecting diversity of opinions, and shared decision-making.

They increase their knowledge about collaborative professional inquiry and practice skills such as rigorous questioning and discussions about relevant topics such as student work, classroom observations, instructional practice, and patterns in student data. They increase their capacity to engage in and learn from conflict and are intentional about when and how they seek consensus or compromise

nstance, classroom educators might participate in school-based collaborative inquiry teams to implement, support, and assess evidence-based goal of academic success for each student. School or district leaders might collaborate in a network to collaboratively analyze which of their collective efforts have an impact and should be continued

Collaboration varies by educator role. For

and inclusive instructional strategies to achieve the

Educators use the Standards for Profe Learning together to inspire and drive nects to the other standards to suppor a high-functioning learning system. Here are some of the ways the Culture of Collaborative Inquiry standard connects to other standards

- The Professional Expertise standard establishes content and skills essential to particular roles and functions that complement collaborative inquiry knowledge and practices.
- The Evidence standard addresse the importance of using research and evidence in selecting intervention and setting goals.
- The Equity Foundations standard highlights the role of professional learning in setting expectations, creatin structures, and sustaining a productive

collaboration is directly relevant to their day-to day work and focused on instruction that improve omes for all students.

Educators ensure their collaboration is poseful, informed by student needs, and tightly ocused through frequent team meetings, either in person or virtual, and adherence to shared norms at support the learning cycle, such as time for reflection and being transparent about goals and

as well as to school, district, and system priorities to ensure that collaborative learning is directly tied to improving student outcomes. Educator use protocols, templates, and tools to support the development and use of shared language, engagement of stakeholders and policymakers, and mon methods for collecting and analyzing data and evidence.

Educators recognize the importance of tablishing trusting relationships to build a culture of collaborative inquiry. They study what contributes to trust and why trust is important among educators as well as with families and arerivers, students, and community member hey recognize that establishing trust among peen Selected research is listed at the end of each standard

with different levels of aut

EDUCATORS SHARE RESPONSIBI FOR IMPROVING LEARNING FOR ALL STUDENTS.

responsible for making progress toward the goals they have established, rather than placing onsibility on the students or external actors. Individual educator learning is valuable in improving each teacher's agency and self-efficae

That learning is even more valuable when it add to the knowledge and understanding of a team of colleagues and is leveraged for improvement collective efficacy — the belief that they as educato are having a positive impact on student outcome Educators invest in others' professional growth because it builds trust over time as engagemen deepens and improves and ultimately leads to bette and more equitable student learning.

Educators assume responsibility for each and every student and are accountable to each other for progress toward shared goals for students. Educators hold themselves accountable through the analysis of data throughout the learning process to ensure each student's access to and opportunity for challenging learning and to identify students who need

additional support.

Mutual accountability includes looking closely at whether colleagues provide opportunities to learn for every student and developing strategies to address any inequities. To inform this shared effort, educators observe and are observed by peers and identify opportunities to learn from each other's professional experience and research. Thes eedback-rich relationships extend across grade levels, teams, and content areas.

Educators commit to engaging in a formative sessment process of their own learning as well as to shared reflection. They also commit to being reliable uctive colleagues who focus on how their

tudents. They reflect on evidence mpact as a way to build collective elebrate their positive influence or

to view questions and even conflict as productive eading to a better shared understanding of how they work cooperatively to improve teaching and learning. Educators value the ways in which shared asibility and mutual respect for expertise eates opportunities for meaningful educator agency and for both formal and informal leadership

Campbell, C., Osmond-Johnson, P., Faubert, B., Zeichner, K., & Hobbs-Johnson, A. (with Brown, S., DaCosta, P., Hales, A., Kuchn, L., Sohn, J., & Steffensen, K.). (2017). The state of ors' professional learning in Canada: Fina

tearch report. Learning Forward.

Donohoo, J. (2013). Collaborative inquiry for ucators: A facilitator's guide to school improvement

Donohoo, J., Hattie, J., & Eells, R. (2018, March 1). The power of collective efficacy. ASCD. www.ascd.org/publications/educational-leadership mar18/vol75/num06/The-Power-of-Collective-Efficacy.aspx Goddard, Y.L. & Minjung, K. (2018).

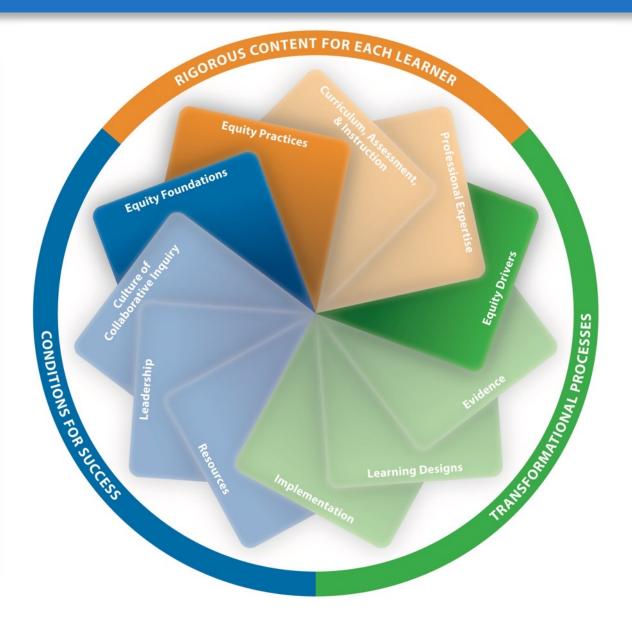
Examining connections between teacher percept of collaboration, differentiated instruction, and teacher efficacy. Teachers College Record, 120(1),

Harereaves, A. & Fullan, M. (2012). Professional capital: Transforming teaching in every school Teachers College Press. Hattie, J. (2012). Visible learning for teachers:

Maximizing impact on learning. Routledge. Jensen, B., Sonnemann, J., Roberts-Hull, K., & Hunter, A. (2016). Beyond PD: Teacher professional learning in high-performing systems. National Center on Education and the Economy.

Explicit, inclusive equity standards





Gaining momentum as a go-to resource

- Pageviews182.8k+
- Unique pageviews142.1k+
- Tool downloads5.5k+
- Video views15k+
- Global website visitors43.9k+



Standards Assessment Inventory

How familiar are you with Standards Assessment Inventory (SAI)?

- 1 I have taken/administered the previous version of the SAI.
- 2 I know about the SAI but have not taken/administered it.
- 3 I am learning about the SAI for the first time.

Standards Assessment Inventory

The SAI provides decision-makers with data on the quality of professional learning as defined by the Standards, and their school's and/or system's alignment of professional learning to the Standards.

- 72-item web-based inventory
- Valid and reliable
- Administered to school-based instructional staff
- Confidential and anonymous
- 30 minutes
- Items aligned to each standard
- School and system data collected
- SAI takers do not have to be familiar with the Standards to complete the SAI



How Schools and Systems/States Use SAI

Schools use the SAI:

- 1. To introduce instructional staff to the Standards for Professional Learning.
- 2. To inform school-wide practices and guide school improvement planning.
- 3. To identify clear expectations and specific actions that contribute to high-quality PL.
- 4. For baseline data to get a clear picture of what's working and where to focus resources.
- 5. For dialogue and reflection among staff about professional learning.
- 6. For program evaluation.
- 7. To identify next steps for Standards implementation.

Districts/States use the SAI:

- 1. To identify and provide support for schools/districts with similar needs and priorities.
- 2. To identify school/district strengths in certain areas to share exemplary practices with others.
- 3. To assess whether improvement efforts have contributed to the quality of professional learning across several schools or systems.
- As a source of data to recognize schools for quality professional learning.
- 5. To identify next steps for Standards implementation.

1

The SAI is valid and reliable

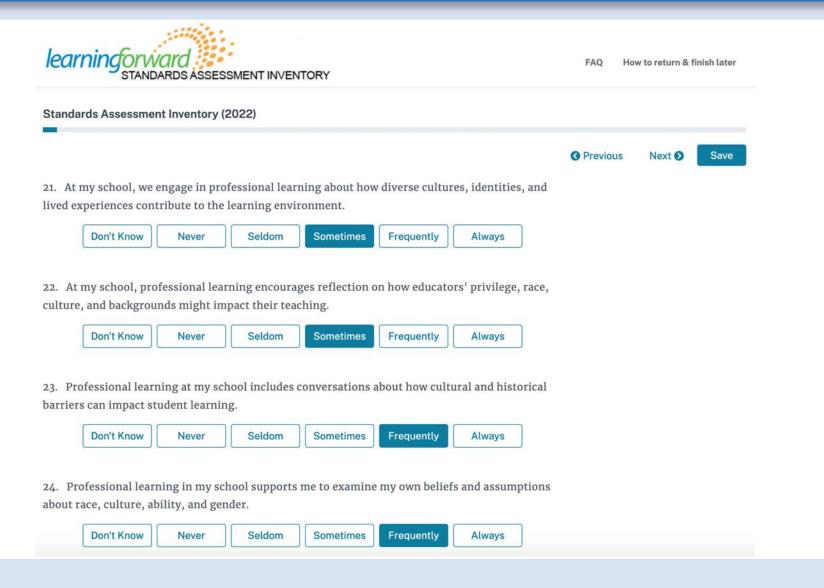
American Institutes of Research (AIR) conducted a validity and reliability study.

- Piloted with teachers and instructional coaches in 166 schools.
- Pilot participants came from diverse professional backgrounds with varying roles, years of experience, years at their current school, and school settings.
- Conducted cognitive interviews and focus groups to gather qualitative data on taking the SAI
 and that the data yielded is relevant to districts and schools as they assess their professional
 learning systems.

Study found the SAI to be a valid and reliable instrument.

- Items are valid representations of the concepts in the standards.
- Items map onto each standard as intended (i.e., internal factor structure).
- Items produce similar information (i.e., internal consistency).
- Responses are consistent across groups and within standards.
- Participants report that the revised SAI captures key professional learning experiences and will yield valuable information about professional learning systems.

Sample SAI Indicators



SAI Reports

■ Standard & Indicator Averages

This page displays districtwide average scores for each standard and for each indicator within a standard. Overall Standard Score Averages summarize data for each standard. Standard/Indicator Scores show districtwide averages for each standard and each indicator, providing a more detailed presentation of data for each standard. See the SAI District Data Analysis Guide for tips on using this data to evaluate and plan professional learning.

P Standard Averages by School

The following chart summarizes school SAI data and allows you to compare Standard averages by school. This report allows you to identify schools with similar strengths and needs. Schools with a score of 4.0 or above on a Standard are considered "Skillful" (represented by a green box). A score of 3.5 or below indicates "Needs Improvement" (represented by a red box). A score of between 3.9 and 3.6 indicates "Progressing." This chart also indicates, for each school, which Standard received the highest score, and which received the lowest score.

Ш Frequency Counts

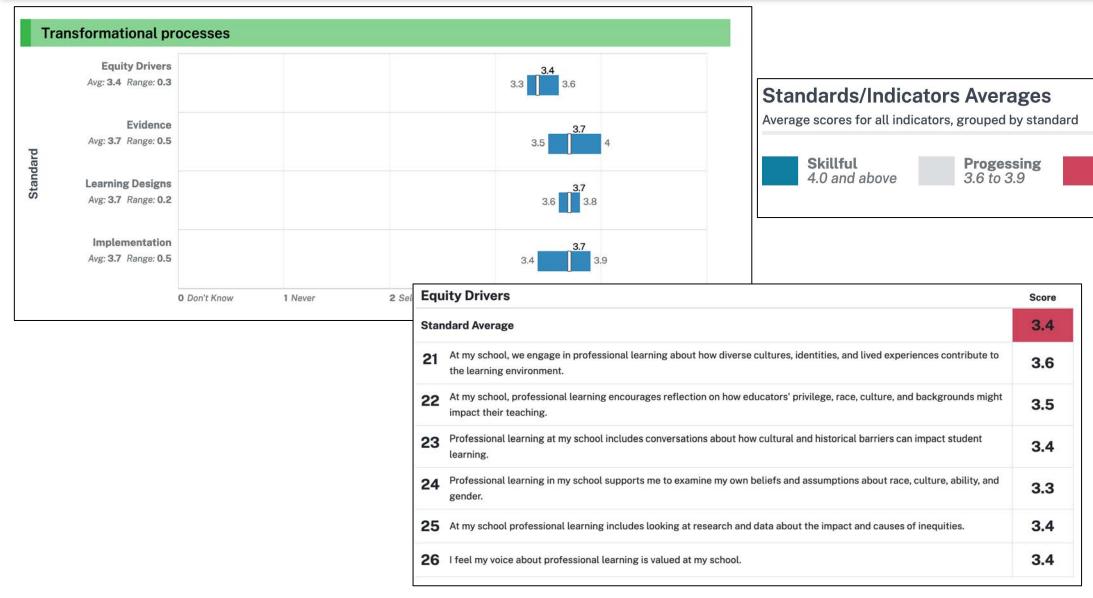
Frequency Counts display the number and percentage of teachers who responded to each answer choice for an indicator. The average for each standard and indicator is also shown. Use the resources for further study of the standards with recommendations and tools for using them in your district.

Demographic

The Demographic Report provides districtwide data on the job roles and experience levels of your SAI respondents.

All data is available at the district level and at the individual school level, and customized "comparison" reports can be created for groupings of schools.

Standard and Indicator Averages



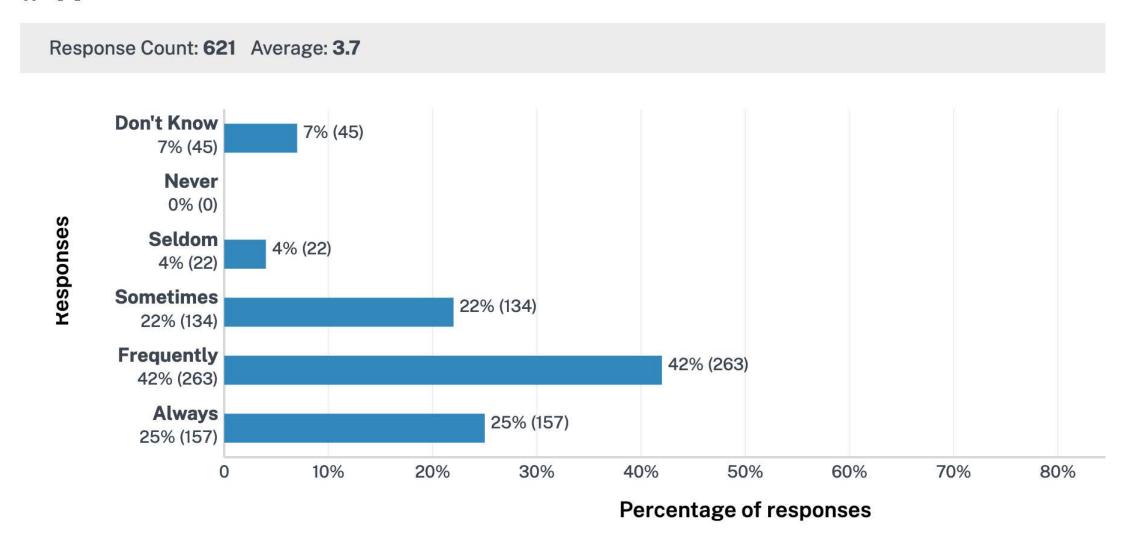
Needs Attention

3.5 or below

Frequency Count Reports

Implementation

#41 In my school, teachers individually reflect about teaching practices and strategies.



Comparison data over time

Resources

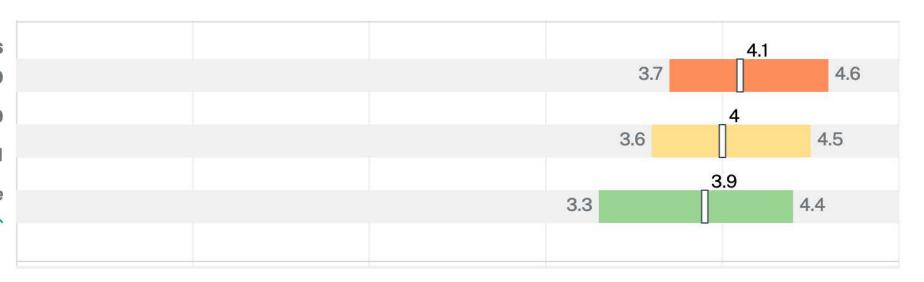
2020 Spring Avg: 4.1 Range: 0.9

2019 Spring Avg: 4.0 Range: 0.9

2018 Spring Avg: 3.9 Range: 1.1

Change over time

0.2 个



School comparison data

Standard averages by school

Avg. 4.0 or above

Avg. 3.5 or below

T

Highest standard for school

Standard Frames

		Rigorous content for each learner		Transformational processes			Conditions for success					
School Name	Number of Responding Teachers	Equity Practices	Curriculum, Assessment, and Instruction	Professional Expertise	Equity Drivers	Evidence	Learning Designs	Implemen- tation	Equity Foundations	Culture of Collaborative Inquiry	Leadership	Resources
Armstrong Middle School	10	(<u>↓</u> 2.8)	3.9	3.1	(<u>↓</u> 2.8	4.0	4.0	3.7	3.6	4.1	₹ 4.2	3.1
Foster High School	19	↑4.0	3.8	₹ 4.0	3.7	3.6	3.6	3.7	(3.6	3.7	3.6
Lanham Elementary School	10	4.3	3.9	3.7	不 4.4	4.1	3.8	<u>↓</u> 3.6	4.2	4.1	3.7	3.7
Manning Elementary School	12	3.4	3.4	3.3	(<u>↓</u> 2.7)	3.3	〒3.6	〒3.6	₹ 3.6	3.4	3.3	3.1

SAI Management

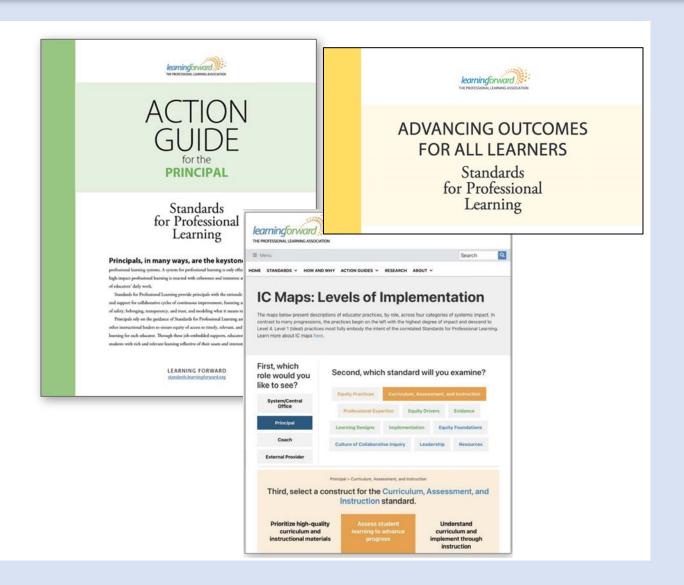
- Learning Forward loads all schools into SAI site and provides user links
- System coordinator has access to all reports
- Users receive unique links or school links
- Report/results authorization links (or PDF reports)
- Default minimum of 10 responses per school (can be adjusted).
- Neither Learning Forward nor a school/district coordinator can link SAI responses to users
- All reports are available on the SAI website and can be downloaded

Additional Tools/Resources

An SAI Analysis Guide is provided to assist in analyzing results and planning next steps.

Learning Forward hosts a dataanalysis conversation following administration of the SAI.

Additional Standards resources, including Action Guides and IC Maps, also provide next steps to implementation.



Additional resources

Visit <u>standards.learningforward.org</u> for resources useful for sharing, studying, and implementation of Standards for Professional Learning*

Resources include:

- Role-based action guides
- Innovation configuration maps
- Quick-start guide
- Research resources
- Policy tools



* Some resources are available in full to anyone who visits <u>standards.learningforward.org</u>, while others require membership in Learning Forward.

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The sessions will be recorded and available at standards.learningforward.org.

KEYNOTE SPEAKERS





CHRISTOPHER EMDIN



SHARRON HELMKE



BRANDI HINNANT-CRAWFORD

LEARNING FORWARD'S 2023 ANNUAL CONFERENCE

DECEMBER 3-6, 2023 | CONFERENCE.LEARNINGFORWARD.ORG



4:00 - 4:30 pm EDT

See chat for the link to join.

Join us in the Standards Lab

- Share your impressions
- Ask additional questions
- Hear more about how to use the tool in your context

