

Collecting and Using Data in Your Coaching System

Strategies for Enriching Insights and Impact

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Agenda

- Welcome and Opening (20 minutes)
- Collecting and Using Coaching Data (35 minutes)
- Action Steps and Closing (5 minutes)

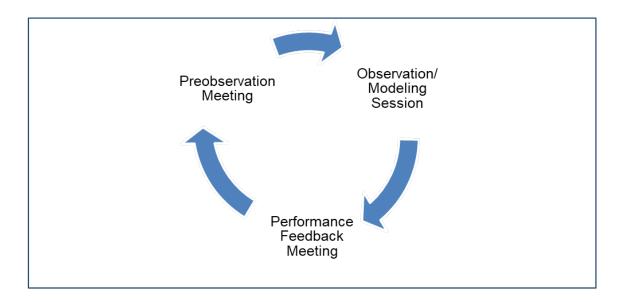
Challenges Implementing Coaching

- 1. Coaching is not defined.
 - How can we measure what isn't defined?
- 2. Coaches are not prepared or supported with professional learning (PL) opportunities.
 - How can we expect coaching to be effective?
- 3. Coached data are not collected or used.
 - How will we understand the impact of coaching?

Challenge 1: Define Coaching

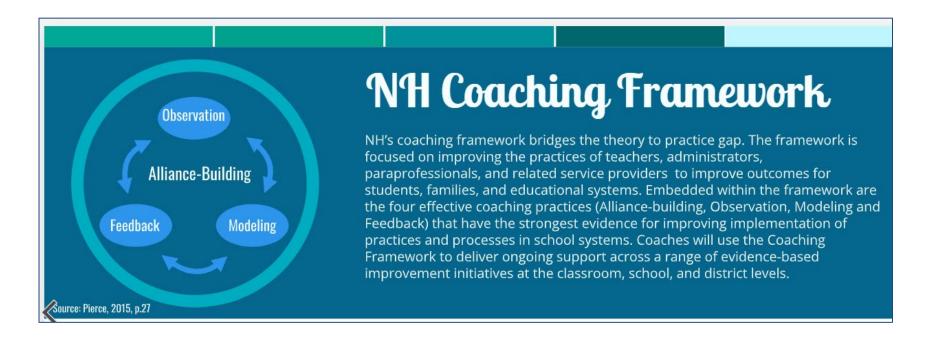


Texas Education Agency (TEA) Definition



Coaching cycles follow the initial training the educator participated in.

New Hampshire



Hawai'i



What is Coaching?

Who are Coaches?



Speech and Language Pathologists, Complex Area Language and Literacy Coaches

Early Childhood Teachers, K-3 Teachers, Education Assistants



Who Do Coaches Support?

What will Coaches Do?



Coaches will observe, model, provide performance feedback, and use alliance-building strategies in ongoing cycles consisting of pre-meetings, classroom observations, and postmeeting collaborative discussions

Improved fidelity of implementation of language and literacy instruction for students with IEPs, leading to improved language and literacy outcomes for this student population.



What are the Expected Outcomes of Coaching?

What is the Expected Time Required for One Coaching Cycle?



20 minutes for each pre/post meeting, 20 minutes to observe instruction, 45 minutes to prepare for pre/post meetings (90 minutes total).

Improved instructional practices; improved student outcomes; increased collegial relationships.



What are the benefits of coaching?

For more information, please consult: Effective Coaching: Improving Teacher Practice and Outcomes for All Learners https://ncsi-library.wested.org/resources/206

Challenge 2: Provide Ongoing PL in Coaching

- Training to improve coach knowledge
- Ongoing support to improve coach skills

Training on Effective Coaching Practices

- Step-by-step coaching protocols that emphasize coaching practices
- Procedures for difficult coaching practices
 - E.g., developing and delivering high-quality performance feedback

Ongoing Support to Improve Coaching Skills

- Interactive with practice opportunities
- Sustained
- Collaborative
- Focused on celebrating successes, identifying challenges, and collectively solving coaching implementation issues
- Action-oriented

Challenge 3: Collect and Use Coaching Data

- Introduce yourself to your table partners, if necessary.
- Discuss the prompts on the next slide.
- Respond to the poll.

Table Partners and Poll

- What coaching data are collected?
- How are data collected (e.g., surveys/logs)?
- How are data used?
- Poll: What is working well and what could be improved?

PollEv.com/jenniferpier451

Collecting and Using Coaching Data



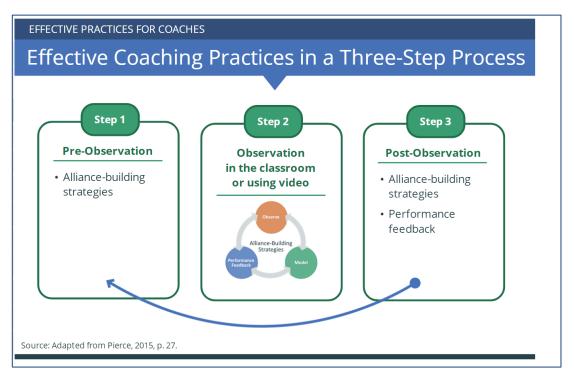
In This Section

- What data to collect
- Strategies for collecting data based on lessons learned from SEAs
- How to use the data

What Coaching Data Should We Collect?

- Based on the definition of coaching
- Based on the questions we want to answer
 - What is the fidelity of coaching?
 - What is the impact of coaching on teaching?

Example

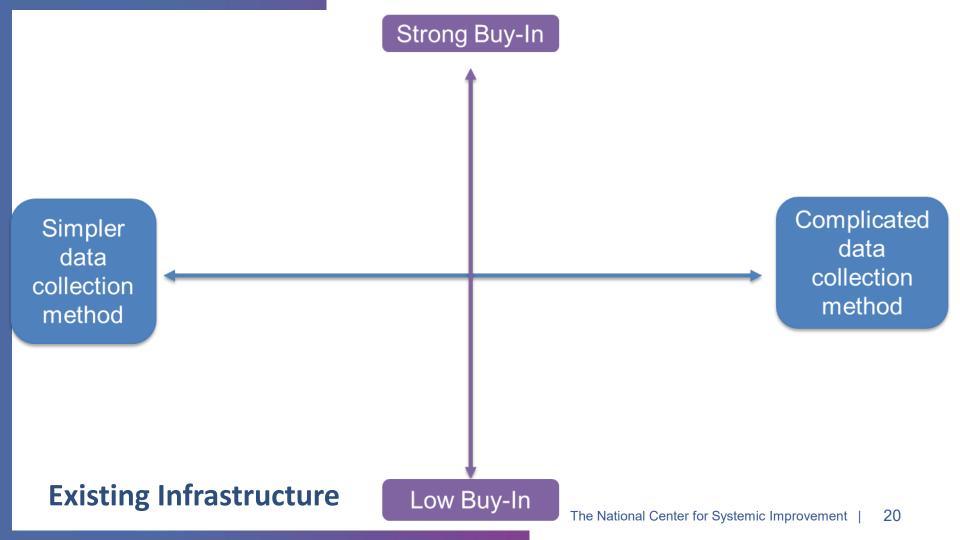


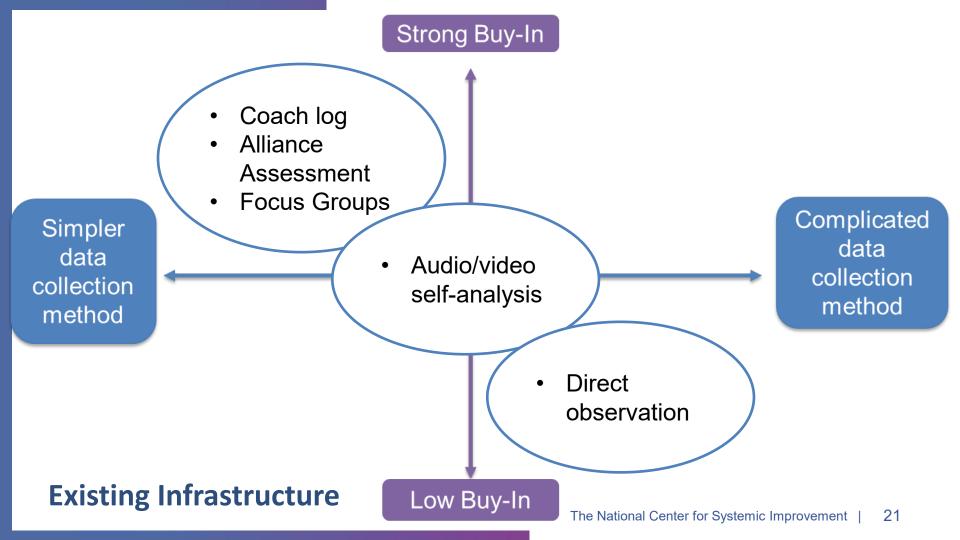
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How Do We Collect Coach Data?

- Goal: Rely on rich data sources to gain a nuanced understanding about coaching and its impact.
- Consider lessons learned from SEAs.

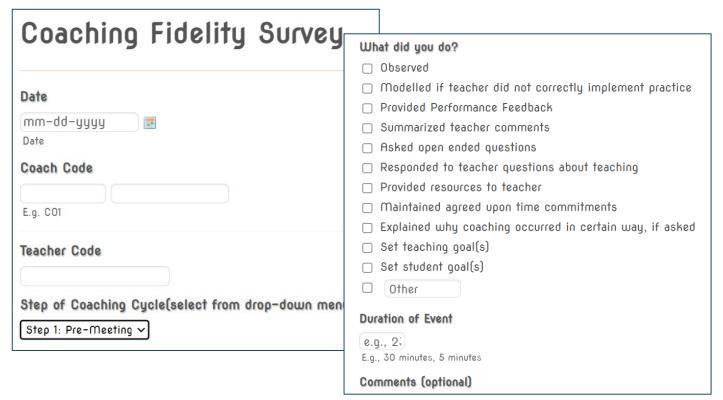






Strategy	Who	What	Enriching the Data
Log	Coach Teacher	Coaching practices	Specific practices within each step of the cycle; triangulate log data with teacher data

Log



Insights

- In-class event logs: Coaches were not modeling.
- Debrief logs: Goals focused on improving teacher use of behavior-specific praise (BSP).
- Teacher data: Teachers consistently showed low fidelity of BSP.

Does increasing modeling increase teacher use of BSP?

Actions

- Coaches will practice modeling BSP during cadre sessions
- Coaches will increase modeling during in-class events.
- SEA will continue to triangulate data.
- SEA will intervene with coaches again if teachers' use of BSP remains low.

Strategy	Who	What	Enriching the Data
Log	Coach Teacher	Coaching practices	Specific practices within each step of the cycle; triangulate log data with teacher data
Alliance assessment	Teacher Coach	Alliance factors	Specific alliance strategies within each step of the cycle; triangulate with other data sources
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Alliance Assessment

Factor of allianc	e	Rating	Reason for rating	Ideas for improving
Interpersonal skills	Communicating effectively	1 2 3 4 5		
	Building trust	1 2 3 4 5		
	Setting goals	1 2 3 4 5		
	Creating a partnership	1 2 3 4 5		
	Setting parameters	1 2 3 4 5		
Expertise	Conveying expertise in content and context	1 2 3 4 5		
	Demonstrating expertise in coaching	1 2 3 4 5		

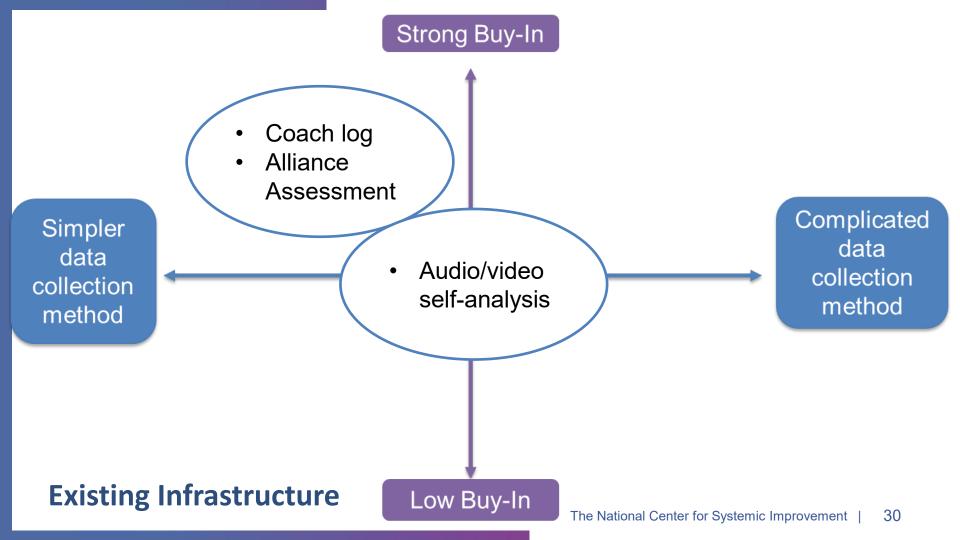
Insights

- Alliance assessment: Teacher ratings in communication were consistently lower than coach ratings in that area.
- Debrief logs: Coaches asked few open-ended reflection questions.
- Teacher fidelity data: Teachers were making minimal improvements in overall fidelity.

Does increasing open-ended questions improve alliance and teacher fidelity?

Actions

- Coaches will practice asking open ended questions during cadre sessions.
- Coaches will increase their use of these questions during pre/post conferences.
- SEA will continue to triangulate data.
- SEA will intervene with coaches again if alliance, log, and fidelity data do not improve.

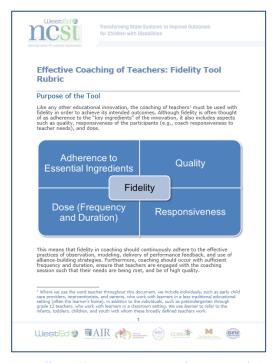


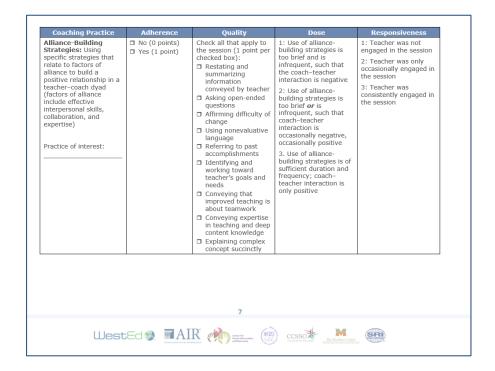
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Log	Coach Teacher	Coaching practices	Specific practices within each step of the cycle; triangulate log data with teacher data
Alliance assessment	Teacher Coach	Alliance factors	Specific alliance strategies within each step of the cycle; triangulate with other data sources
Audio/video analysis self analysis	Coach -	Coaching practices within the coaching cycle	Triangulate audio/video analysis with other data sources
analysis self		.	Triangulate audio/video analysis

Procedures for Audio/Video Analysis

- Coach audio/video records all or parts of the coaching cycle.
- Coach reviews recordings and uses tools to assess coaching skills.
- Data are submitted via log.

Tools for Direct Observation and/or Self-Analysis





Insights

- Audio/video self-analysis: PF was not consistently high-quality.
- Debrief logs: Coaches provided PF.
- Teacher fidelity data: Teachers were making minimal improvements in overall fidelity.

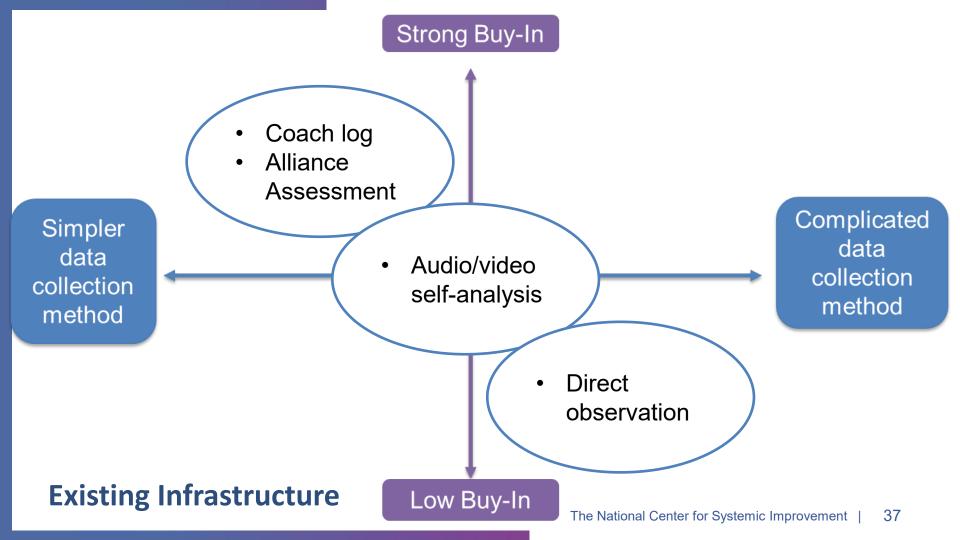
Does improving PF improve teacher fidelity?

Actions

- Coaches and SEA will develop statements explaining how specific teaching practices impact student performance.
- Coaches will ensure PF is specific.
- SEA will change PF in the coaching log.
- SEA will continue to triangulate data.
- SEA will intervene with coaches again if coach and teacher fidelity data do not improve.

Table Discussion

- What stands out to you from the information presented thus far? Why?
- How might you enrich insights about coaching and teaching based on existing data sources and/or any new strategies you are considering using?



Strategy	Who	What	Enriching the Data
Log	Coach Teacher	Coaching practices	Specific practices within each step of the cycle; triangulate log data with teacher data
Alliance assessment	Teacher Coach	Alliance factors	Specific alliance strategies within each step of the cycle; triangulate with other data sources
Audio/video analysis self- analysis	Coach	Coaching practices within the coaching cycle	Triangulate audio/video analysis with other data sources
Direct observation	External Observer	Coaching practices within the coaching cycle	Triangulate direct observation with other data sources

Insights

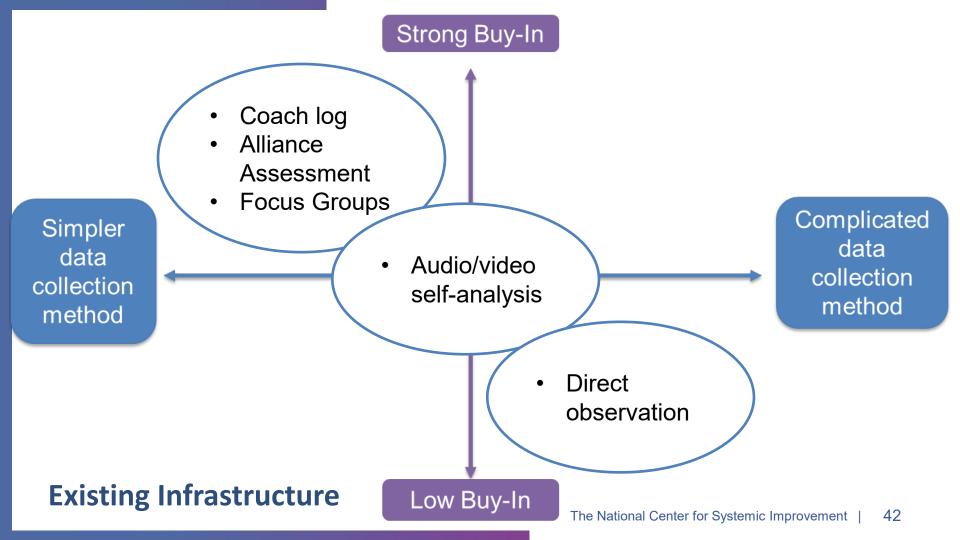
- Direct observation: Pre/post meetings focused on alliance for several months.
- Audio/video self-analysis: Same as above.
- Teacher fidelity data: Teachers were making minimal improvements in overall fidelity.

Does increasing coach fidelity improve teacher fidelity?

Actions

- Coaches will practice using all coaching practices.
- Coaches will follow coaching protocols in full.
- SEA will continue to triangulate data.
- SEA will intervene with coaches again if coach and teacher fidelity data do not improve.

Strategy	Who	What	Enriching the Data
Log	Coach Teacher	Coaching practices	Specific practices within each step of the cycle; triangulate log data with teacher data
Alliance assessment	Teacher Coach	Alliance factors	Specific alliance strategies within each step of the cycle; triangulate with other data sources
Audio/video analysis self-analysis	Coach	Coaching practices within the coaching cycle	Triangulate audio/video analysis with other data sources
Direct observation	External Observer	Coaching practices within the coaching cycle	Triangulate direct observation with other data sources
Focus Groups	Teachers	Coaching practices within the coaching cycle	Triangulate with other data sources



Insights

- Audio/video self-analysis: Coaches spend a lot of time explaining teaching practices during pre/post meetings.
- Focus groups: Teachers want more written guidance from coaches about teaching practices.
- Teacher fidelity data: Teachers were making strong gains.

Do we need to do anything?

Actions

- Coaches will provide resources more frequently to teachers and practice succinct explanations about teaching practices.
- SEA will continue to triangulate data.
- SEA will intervene with coaches if teacher fidelity data do not improve.

Table Discussion

- Discuss the different data collection strategies.
 - Which strategies are most intriguing to you? Why?
 - How might you enrich insights about coaching and teaching based on new and/or existing data sources?

Action Steps



Some Immediate Action Steps

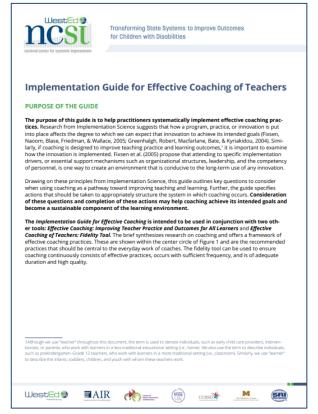
- Reach out to me, your NCSI state facilitator, and/or NCSI.
 - https://ncsi.wested.org/ask-the-ncsi/
- Continue to consider how the SEA can enrich coaching data.

Action Steps: The Longer Journey

- 1. Coaching is not defined.
 - Develop a research informed definition of coaching.
- 2. Coaches are not prepared or supported with PL opportunities.
 - Provide ongoing PL for coaches.
- 3. Coached data are not collected or used.
 - Collect and use enriched coaching data.

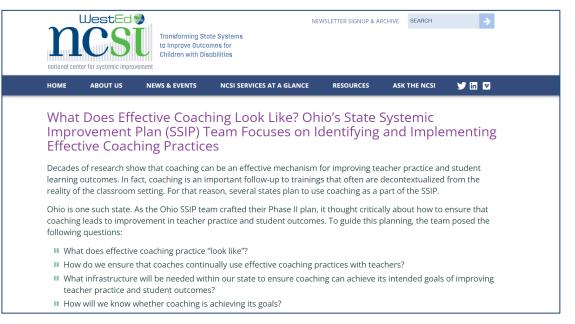
NCSI Resources

- Visit NCSI's resource library at https://ncsi-library.wested.org/.
- Coaching resources are housed on the *Improvement and Implementation Science* page.



https://ncsi-library.wested.org/resources/60

State Stories



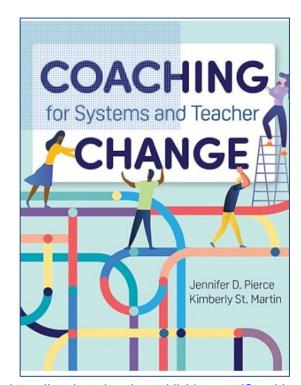
https://ncsi.wested.org/uncategorized/what-does-effective-coaching-look-like-ohios-state-systemic-improvement-plan-ssip-team-focuses-on-identifying-and-implementing-effective-coaching-practices/



https://ncsi-library.wested.org/resources/721

Other Resources





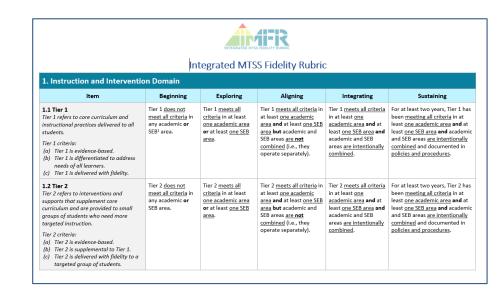
https://products.brookespublishing.com/Coaching -for-Systems-and-Teacher-Change-P1388.aspx



https://doi.org/10.1177/00400599211025642

Let's Stay In Touch!

- Measuring and improving Integrated MTSS (I-MTSS)
- Systems coaching in tiered systems
- Coaching middle school Social Studies teachers



Know That You Inspire Me!



Thank You!

The content of this document was developed under a grant from the US Department of Education, #H326R190001. However, those contents do not necessarily represent the policy of the US Department of Education, and you should not assume endorsement by the Federal Government.

Project Officer: Perry Williams (October 2019)

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For more information about the work of WestEd, NCSI, and their partners,

please visit www.ncsi.wested.org and www.wested.org









