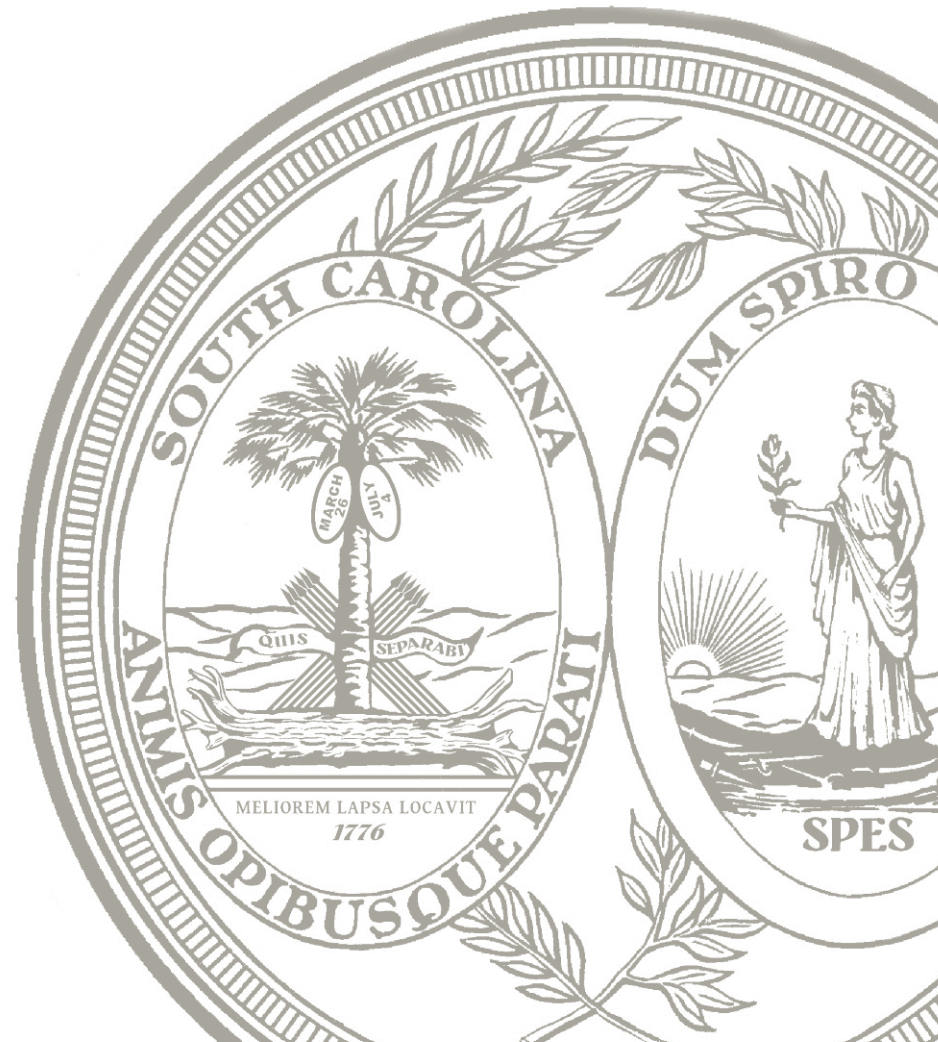


Assess the Data Literate Culture in Your School

Part of Data Literacy for
Instructional Leaders Series

**SCDE Office of Educator
Effectiveness and Leadership
Development**





Presenter

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Session Outcomes

- Practice using the Data Literate Culture Rating Instrument to assess a meeting among school leadership, a meeting between school leadership and teachers, a meeting among teachers, and/or a class.
- Identify steps you can take to improve the data literate culture in your school, especially at the classroom level.

PADEPP Standards

Standard 4: Climate

- Initiates and maintains strategies to promote collegiality and collaboration among the staff to ensure high expectations for professional work, ethical and equitable practice, child-centered education, and continuous individual and organizational improvement.

Principles of Data Literacy

1. Understand what it means to be literate. Know the story and take ownership of it.
2. Recognize that data are not just standardized test scores.
3. Use multiple types of data to design instruction and make interventions.
4. Become critically conscious.
5. Assess on target (vs. on topic).
6. Encourage experimentation. Expect failure as part of the process.
7. Focus on relevant, classroom data that answer teachers' most important questions.
8. Get together, share data, and dialogue.

(Morrison, 2013)

Culture

The term *school culture* generally refers to the beliefs, perceptions, relationships, attitudes, and written and unwritten rules that shape and influence every aspect of a school.

Like the larger social culture, a school culture results from both conscious and unconscious perspectives, values, interactions, and practices, and it is heavily shaped by a school's particular institutional history.

(Great Schools Partnership, 2013)

Just because you have a data wall or data notebooks or a data website doesn't mean you have a data literate culture.



Image: http://qualitycommunityschools.weebly.com/uploads/4/1/6/1/41611/8867192_orig.jpg



Data literacy is the ability to gather, interpret, and use multiple data sources effectively to improve student learning.

Where?

Where would one most likely find evidence of a data literate culture in a school?

Where?

Where would one most likely find evidence of a data literate culture in a school?

- Conversations among school leaders
- Conversations between school leaders and teachers
- Conversations among teachers
- Conversations in the classroom

Fill the Box

1	2
3	4

- What was the situation?
- Who were the participants?
- What was said?
- What did participants bring or share?
- Who said what?
- How did participants act?
- What did you notice about the interaction with data?

Data Literate Culture Rating Instrument



Image:
<https://shop.royalacademy.org.uk/media/catalog/product/cache/3/image/9df78eab33525d08d6e5fb8d27136e95/0/2/02085340-think-big-pencil-web.jpg>

Data Literate Culture Rating Instrument

Data literacy is the ability to gather, interpret, and use multiple data sources effectively to improve student learning.

- ➔ Gather
- ➔ Interpret
- ➔ Use
- ➔ Improve

Think of an observed class (#4),
focusing specifically on student
actions and/or thinking. Assess the
data literate culture using the
rating instrument.



Describe a different interaction (#1, #2, or #3) to a partner. Have him/her assess the data literate culture using the rating instrument.



Reflect on Your School

- What indicators of a data literate culture might be the strongest?
- What indicators of a data literate culture might need improvement?
- Would strengths and/or areas for improvement center in any particular team or grade level?

Reflect on the Instrument

- What are your questions?
- Do you see any problem areas?



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What steps might you take to improve the data literate culture in your school, especially at the classroom level?



Practices

Do staff in your school...

- Engage in data literate dialogues? With other teachers? With students?
- Use the data analysis protocol?
- Perceive a rich data landscape?
- Use all four types of data?
- Know what data sources are most relevant for their roles?
- Engage in coaching with data?
- Engage in coaching for data?
- Understand the data story? Understand the data cycle?



I can...

- Practice using the Data Literate Culture Rating Instrument to assess a meeting among school leadership, a meeting between school leadership and teachers, a meeting among teachers, and/or a class.
- Identify steps I might take to improve the data literate culture in my school, especially at the classroom level.

Application

*Assess the Data
Literate Culture in Your
School*

Please complete the
professional learning
activity associated with
this session to help you
apply your learning.



Image:
<http://blog.atomiclearning.com/highed/sites/blogs.atomiclearning.com/files/images/bigstock-lightbulb-vector.png>

References

Great Schools Partnership. (2013, November 25). *Glossary of education reform: School culture*. Retrieved from <http://edglossary.org/school-culture/>

Morrison, J.L. (2013). *Lesson 1.03: Passing inspection* [online professional development module as part of Data Literacy 01; also published by produced for NCDPI/NCCAT as Seize the Data series]. Syllabus available at <https://static1.squarespace.com/static/51b92249e4b01efb8e2b878b/t/51da2fcee4b01caf88cebb10/1373253582009/Data+Literacy+01+Syllabus+AE.pdf>

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