

Data Literacy

Professional Learning Guide

New to Data Literacy? Select activities from Option A.
A little more experienced with the topic? Look at Option B ideas.
Or pick and choose the items that meet the needs of your teachers!
Direct links to all activities and resources can be found at the bottom of this page.

Option A



Option B



STEP 1: Prime the Team

Share the Data Literacy
VALUE Infographic
(3 minutes)



View Data Literacy
VALUE Introductory
Video
(3 minutes)

STEP 2: Anchor the Team

View the video from the National Center on Improving Literacy. Ask participants what they should look for when selecting a screener? What are the next steps following screening?
(10 minutes)



Review the Data Literacy VALUE Infographic and have teachers list and then sort the assessments they currently use and label the type with a group.
(15 minutes)

STEP 3: Build Shared Background Knowledge

Have the group break into smaller groups of 2-3. Ask them to read the Data Literacy White Paper. What key points stood out to them? What does the research say about using data to inform instruction?
(15 minutes)



Watch Data Literacy VALUE webinar together using the Viewing Guide
(25 minutes)

STEP 4: Group Discussion or Learning Activity

Complete the Assessment
Sorting Activity as a group
Key provided.
(5-7 minutes)



Complete the Assessment
Case Study Activity as a group
Key provided.
(10 minutes)

STEP 5: Application Exit Activity

Have participants review the
Intensification Checklist together,
and choose an intensification
strategy to try.
(10 minutes)



Have participants complete the
Intensifying Instruction Group
Activity (two options available)
(10 minutes)

STEP 6: Coach Connection

Follow up with teachers to
see which intensification
strategies they used and
how well they worked
(20 minutes)



Have each teacher select
one student who they feel
needs more support. Work
with them to apply one or
more of the intensification
intervention strategies
and then follow-up.
(20-30 minutes)

Resources:

[Data Literacy VALUE Introductory Video](#)
[Data Literacy VALUE Infographic](#)
[National Center on Improving Literacy Video](#)
[Data Literacy VALUE Webinar](#)
[Data Literacy VALUE Webinar Viewing Guide](#)

[Assessment Sorting Activity](#)
[Assessment Case Study Activity](#)
[Assessment Sorting Activity Key](#)
[Assessment Case Study Activity Key](#)
[Intensification Strategy Checklist \(NCII\)](#)
[Intensifying Instruction Group Activity](#)

Professional Learning Guide

DATA LITERACY Planning Sheet



Activity

Notes

Share the Data Literacy Infographic.

Step 1 Prime the Team

One week before meeting: Email infographic to teachers, hang over copier and on the back of bathroom stalls

Watch Stephanie Stollar video, list assessments, then sort and discuss gaps

Step 2 Anchor the Team

Bring sticky notes and pens for teachers to list assessments and sort

Watch Data Literacy VALUE webinar with viewing guide

Step 3 Build Shared Background Knowledge

Make copies of viewing guide for teachers

Case Study Activity as a group

Step 4 Group Discussion or Learning Activity

Project scenarios on smartboard, have teachers discuss with a buddy, then share answers with the group

Review the intensification checklist

Step 5 Application Exit Activity

Make copies of the checklist for each teacher, have examples ready of how to apply the checklist to a lesson in our current curriculum

Follow up with teachers to see which intensification strategies they used and how well they worked

Step 6 Coach Connection

Send email to offer support with implementation a day after meeting, in one week email to remind teachers to bring examples to next grade level meeting

Professional Learning Guide

DATA LITERACY

Planning Sheet



Activity

Notes

Step 1
Prime the Team

Step 2
Anchor the Team

Step 3
Build Shared Background Knowledge

Step 4
Group Discussion or Learning Activity

Step 5
Application Exit Activity

Step 6
Coach Connection

Using the Professional Learning Guides

Welcome! We are thrilled to share with you some resources we have curated to help you in your efforts to support teachers as they align instruction with science-based reading research. We developed this guide with you in mind – to meet the needs of coaches, reading specialists, and support personnel whose aim is to improve instruction.

We also know that time is our most valuable resource – and it is limited. We have been where you are! Sometimes PD looks like a captive audience at a faculty or grade-level meeting, other times it feels like trouble shooting together with a teacher while you stand together in the lunch line. No two schools look alike.

We recognize that YOU are the expert on the teachers you serve. You know their strengths, their challenges, their backgrounds, and their willingness to try new things. Our goal is to provide tools and resources you can use to build their knowledge and strengthen their practice around science-based reading instruction.

We have developed our professional learning guides with flexibility in mind. We know sometimes you have a group of individuals who are eager to learn new things and have lots of great questions. We also know some teachers are doing their very best and don't have room for much more at this moment. We trust that you will make the right decisions for your staff.

With that in mind, we built these professional learning guides so they can be adapted to different time frames, levels of knowledge, and presentation modes. You can select from several options to complete the six steps with materials that best fit your needs. Choose what works for you!

Step 1: Prime the Team

This is the 'prep work' for your discussion. With multiple options to choose from, we tried to make this 'portable.' Examples include podcasts that teachers might listen to on their way to work, during a walking group, or a planning period. If time is short, you could ask teachers to review the infographic and make some quick notes. Or you might pose a question on a post-it note and drop them in teacher mailboxes to have them start brainstorming about the topic. The goal is for these to be done independently and have those that attend your session already thinking about things!

Step 2: Anchor the Team

Ready to build buy-in? We share some great thought-provoking videos or questions that allow others to bring their voice and experience to the discussion. This step allows everyone an opportunity to stop and think about how the topic impacts them and the students they serve – in an enjoyable way!

Step 3: Build Shared Background Knowledge

We all know the best lessons start with students having similar background knowledge! The Anchor activity was created to do just that – give everyone a shared experience and jumping off point for further discussion. A great option for this step is the subject-based webinar. We've even suggested some great places to stop and share thoughts – with suggested conversation starters and questions!

Step 4: Group Discussion or Learning Activity

Engagement all the way! This part of the PD is all about letting participants share their voice and show their knowledge. We share different ideas for getting participants involved and thinking critically about the content. This is also the place where you can see how well your message was received and check for understanding!

Step 5: Application Activity

Taking new content beyond the scope of the discussion is paramount if you want new practices to take hold. We provide options for an exit activity that lets participants leave with something they can apply in their classrooms the next day!

Step 6: Coach Connection

Research tells us only 10% of new content makes it into the classroom from workshops alone – it is the follow-up that really matters! The coach connection is how you make that happen. We provide plenty of follow-up resources you can use when you revisit the topic with teachers in their own classrooms or future discussions!