



AREA V REGIONAL SUPERINTENDENTS OF SCHOOLS

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Instructional Implications of the Common Core State Standards for English Language Arts & Literacy in History/Social Studies, Science, and Technical Subjects.
Informational Text, Grades 6–12 Content Area Teachers

Session Description

Participants will examine the 6-12 grade-specific Reading Informational Text Standards of the Common Core State Standards for English Language Arts & Literacy in History/Social Studies, Science, and Technical Subjects.

Expected Outcomes

- Become familiar with the 6-12 CCSS Reading Informational Text Standards in History/Social Studies OR Science and Technical Subjects
- Identify standards that may be new or represent a new emphasis or level of rigor

Agenda

- Welcome and Introduction (5 minutes)
- CCSS Reading Informational Text Standards (25 minutes)
 - Partner activity – Progression of difficulty
 - Partner activity – What's new?
 - Partner activity– What is 'evidence'?
- Reflection (10 minutes)
 - Partner activity – How did we do?
 - What's next?
 - Reflection

Time

- 45 minutes

Audience

- Designed to be used with groups of 6-12 leaders and teachers of social studies, science, and technical subjects working with grade-level partners.

Materials

- Handout copy of PowerPoint slides (suggested 6 slides per page)
- Handout Reading Informational Text Standards 6-12 in the appropriate subjects (both provided with this session)
- Handout Reflections Module 1, Session 2 ELA & Literacy (provided with this session)

Resources/References

- Common Core State Standards for English Language Arts & Literacy in History/Social Studies, Science, and Technical Subjects
http://www.corestandards.org/assets/CCSSI_ELA%20Standards.pdf

Slide 1

Welcome participants, and introduce the subject for today.

Suggest that participants sit with one or more partners who teach the same subjects and grade levels(s).

Check to see that everyone has the materials: Copy of the PowerPoint slides; Handout CCSS Reading Informational Text Standards History/Social Studies OR Science & Technical Subjects; Reflections

Explain that one of the instructional implications of implementing the CCSS will be an increased emphasis on teaching students to read complex informational text from the content areas.

For instance, the facilitator might say,

“Preparing students to be college and career ready by graduation will mean an increased emphasis on teaching students to understand and interact with informational text in the disciplines. Most of the required reading in college and workforce training programs is informational in structure and challenging in content. Postsecondary education programs typically provide students with both a higher volume of such reading than is generally required in secondary schools, while at the same time providing comparatively little scaffolding.

At the secondary level, this will mean a coordinated effort across content areas. In the content area classroom, this will mean an increased emphasis on teaching students to read informational text from the specific disciplines independently and proficiently.”

Slide 2

Go over the expected outcomes for this session.

For instance, the facilitator might say,

“Today we will take a look at the 10 Informational Text Reading Standards in the content areas, looking a bit more closely at some that may be less familiar, and remembering that the Standards depict WHAT students should know and be able to do.”

Slide 3

Explain that the literacy standards in the content area do not replace content standards nor specify required texts. They reflect the need for students to be able to learn content by reading with little scaffolding or support.

For instance, the facilitator might say,

“The Standards set requirements for literacy in history/social studies, science, and technical subjects, recognizing that students must learn to read and write effectively in a variety of content areas. The Standards specify the literacy skills and understandings required for college and career readiness in multiple disciplines. Literacy standards for grade 6 and above are predicated on teachers of ELA, history/social studies, science, and technical subjects using their content area expertise to help students meet the particular challenges of reading and writing in their respective fields. It is important to note that the 6–12 literacy standards in history/social studies, science, and technical subjects are not meant to replace content standards in those areas but rather to supplement them.

Part of the motivation behind the interdisciplinary approach to literacy is extensive research establishing the need for college and career ready students to be proficient in reading complex informational text independently in a variety of content areas. Most of the required reading in college and workforce training programs is informational in structure and challenging in content; postsecondary education programs typically provide students with both a higher volume of such reading than is generally required in K–12 schools and comparatively little scaffolding.”

Slide 4

Explain that the National Assessment of Educational Progress has taken the lead in assigning relative weight to literary and informative text. At the elementary levels, it calls for a balance of literary and informational text, increasing the proportion of informational text as students advance through the grades.

For instance, the facilitator might say,

“The National Assessment of Educational Progress (NAEP) reading test, given every two years, uses a balance of literary and informational text at the elementary level, with a growing emphasis on informational text thereafter.

This means is that by the 12th grade, 70% of the reading instructional time, as well as instructional materials, will be devoted to informational text. This includes instruction that occurs within social studies, science, and technical subjects as well as English language arts.”

Slide 5

Explain that the 6-12 grade standards follow NAEP in calling for an equal proportion of text drawn from science/technical subjects, history/social studies, and literary sources.

For instance, the facilitator might say,

“One of the most significant instructional impacts of the CCSS is the increase in the quantity of literacy materials and amount of instructional time devoted to informational text. Seventy percent of the reading instruction 6-12 students receive across their instructional day (in social studies, science and other subjects, as well as ELA) will be devoted to informational text.

In following NAEP, the standards call for about one-third of the text from each of three areas: social studies, science, and literary.

In social studies, that includes both primary and secondary sources. In science and technical subjects, it includes journal articles and quantitative information presented in different formats (formulas, charts). In English language arts, that includes literary nonfiction with an emphasis on foundational U.S. documents.

By the secondary level, most of the informational text students experience will be discipline-specific text in the content areas. This is also the text that will be similar to the type of material they will experience in college and career training situations. The goal is for students to be able to learn content through the text they read.”

Slide 6

Explain that research has shown that both content-area and disciplinary literacy are important for students to learn, and readers need to learn and apply the language of each discipline.

For instance, the facilitator might say,

“We have two areas of research to draw from, termed *content area literacy* and *disciplinary literacy*.

You may recognize phrases from content area literacy such as “reading across the curriculum” and “all teachers are teachers of reading.” This approach emphasizes generic comprehension strategies that are usefully applied to informational text on a wide variety of subjects. These are generalizable routines such as anticipation guides, guided note taking, questioning routines such as KWL, etc. They are intended to be taught by reading and content teachers alike, but in reality may be far more familiar to reading teachers than to content area teachers.

The more recent research area focuses on disciplinary literacy, the specialized ways of learning and communicating the different disciplines. For example, chemistry reading requires a full understanding of experiments and processes, the ability to make connections among and between connected text, formulas, graphs, and charts. Historians approach informational text by considering the author's perspective, contextualizing the text within its historical period and place, corroborating information across sources. Only teachers trained in the specific disciplines are in a position to use the best of both approaches."

Slide 7

Explain that in addition to the need for students to read college and career level text by the time they graduate, informational text increases students' access to text that will help them increase their vocabularies, general knowledge, language and reasoning abilities.

For instance, the facilitator might say,

"Including more informational text is important for several reasons.

One, as we've already mentioned, is that to be college and career ready, all students must be able to deal independently with challenging informational text when they graduate – to be able to learn from the text independently. In order to reach that goal by graduation, students need to learn to read increasingly complex text through the grades.

Other reasons for the emphasis are that by developing deep comprehension of high quality informational text, students build language and vocabulary, build knowledge of the world and the disciplines, build reasoning ability, and learn to have those active 'conversations' with texts that mark mature, proficient readers."

Slide 8

Direct participants' attention to the Handout "CCSS Reading Informational Text Standards ..." in their content area and suggest that they work with partners who teach the same subjects and grade bands.

Note that on the handout the standards requiring multiple texts have been set off with additional borders.

Explain that the standards represent a continuum of proficiency from a very beginning level at K to the college and career readiness level depicted in the CCR Anchor Standards. Remind participants that each step up in task difficulty defined by the Standards is matched by a "step up" in text complexity not reflected in the individual grade-level standards themselves. Text complexity will be addressed in a subsequent session.

Invite participants to work with partners to identify the 'step up' in task difficulty at each grade for several standards.

Allow about 5 minutes for partners to work.

Invite participants to report out on some of particular interest to them.

For instance, the facilitator might say,

"Let's take a look at the Handout 'CCSS Reading Informational Text Standards' in your content area. This document has been set up to show the progression for each of the 10 standards. Those standards requiring multiple texts have been set off with additional borders since they may necessitate some extra planning effort in identifying suitable texts and materials.

The Standards, as we have seen, are arranged around a framework of the College and Career Readiness Anchor Standards and have been written using a 'back-mapping' strategy, identifying where students need to be on the learning progression by the end of each grade in order to make the end-point

attainable. So, the standards at each subsequent grade level incorporate a 'step up' in task difficulty (as well as the 'step up' in the complexity of the texts).

With your partner(s), examine several of these 6/8 -11/12 progressions to identify how the tasks become more difficult at each grade."

Slide 9

Draw participants' attention to the distinctions that raise the level of rigor from one grade band to the next in Standard 9.

For instance, the facilitator might say,

"Let's look at how the standards 'step up' the level of task difficulty from grade to grade in Standard 9 first. The 5th grade standard for reading informational text is presented here so you can see the step up to the 6-8 grade band.

Each of these represents quite substantial 'steps up' in rigor and cognitive demand.

Were the 'steps up' in Standard 9 for science and technical subjects similarly clear and rigorous?"

Slide 10

Invite participants to discuss with their partners what counts as "evidence" among disciplines.

For instance, the facilitator might say,

"One of the important distinctions among the disciplines is what counts as evidence. The CCR Anchor Standard reflects the requirement that in order to be college and career ready, students need to be able to evaluate arguments in terms of the evidence. Here we see the standard translated into the content areas. What evidence would we expect graduating students to bring to their evaluation in each area?

Whatever they are reading, students must also show a steadily growing ability to discern more from and make fuller use of text, including making an increasing number of connections among ideas and between texts, considering a wider range of textual evidence, and becoming more sensitive to inconsistencies, ambiguities, and poor reasoning in texts.

With your partners, take a few minutes to think about what students might come to encounter as 'evidence' in the various content areas. We'll take a few minutes to share some."

Slide 11

Invite partners to look closely at the Reading Informational Text standards at their own grade level(s) and identify elements that match present practice and elements that are a new emphasis or represent a higher level of rigor.

Allow 5-10 minutes for group work.

Invite participants to share what they found and ideas they have about instructional approaches.

For instance, the facilitator might say,

"With partners or in small groups, read through the continuum for several of the standards and think about current classroom practice at your grade level(s).

Identify standards that match present practice and identify one or two instructional strategies or classroom practices you have used that have helped students be successful.

Then, identify those standards that represent new content, new emphases, or a new level of rigor at your grade level(s). *[Allow time to work and report out some examples.]*

Since all students read the central, grade appropriate text around which instruction is centered, appropriate scaffolding and supports will be necessary for students reading below grade level.

Slide 12

For instance, the facilitator might say,

An inevitable question may be “How do I work more content into a year?” The expectation is that strategies that support students in learning to read text in the content areas help students learn the disciplinary content at the same time.

Let’s look at some of these classroom practices.”

Slide 13

For instance, the facilitator might say,

Here is a sampling of what the visitor would see. For instance, in supporting students in analyzing the structure of informational texts (Standard 5), we might see lists of words that function as transition or signal words for particular text structures; advance organizers tailored to the structure of the specific informational text; note-taking organizers for students to use as they read; and prompt sheets that focus students’ attention and ask them to reflect on the function of particular sentences or paragraphs after reading the text.”

Slide 14

Explain that this is a sampling of the ‘classroom snapshot’ depicting what a visitor would hear in a classroom teaching informational text.

For instance, the facilitator might say,

“Here is a sampling of what the classroom visitor might hear. Note the important role that teacher modeling – ‘thinking out loud’ – plays in reading instruction.

For instance, we might hear the teacher modeling how to summarize a piece of informational text (Standard 2), or modeling reasoning used to evaluate the specific claims in an argument (Standard 8).”

Slide 15

For instance, the facilitator might say,

“Here are a few examples of disciplinary literacy strategies a teacher might use to help students learn to access text in science and technical subjects. In many cases, the only ‘new’ part for content area teachers may be the explicit instruction, teacher modeling, or guided practice of these reading skills.

Slide 16

For instance, the facilitator might say,

“In helping students approach a specific challenging text in social studies, for instance, here are some discipline specific skills a teacher might select to focus on. The goals are ambitious: For students to ‘read like historians, economists, geographers, etc.’ -- to develop mature language and reasoning abilities and conceptual knowledge.”

Slide 17

Invite participants to turn to their partners and give short answers to the questions.

For instance, the facilitator might say,

“So how did we do? Our goals for today were 1) to become more familiar with the CCSS Reading Informational Text standards, and 2) identify some of the standards that are new (or new in emphasis or level of rigor) at our grade level.

Let’s practice a little active learning for a minute or two. Please you turn to your partner and recall a few details from the session as you discuss these questions. We know they are more likely to stay with us that way.”

Slide 18

Suggest the activities listed as possible follow-ups to this session.

Invite participants to fill out the Reflections page.