Thank you for joining the webinar. The session will begin shortly.

Common Core State Standards:

Text Complexity
and
Text Dependent Questions
Elementary





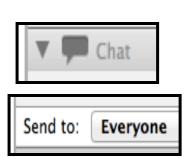
Webinar reminders

- Close all other applications to your computer.
- Please make sure to (mute) red your microphone and keep them muted unless otherwise instructed.



- Please ask all questions through the chat box.
- Make sure your chat box is set for "everyone".
 Questions will be addressed during Q & A.







Group Norms for Webinar



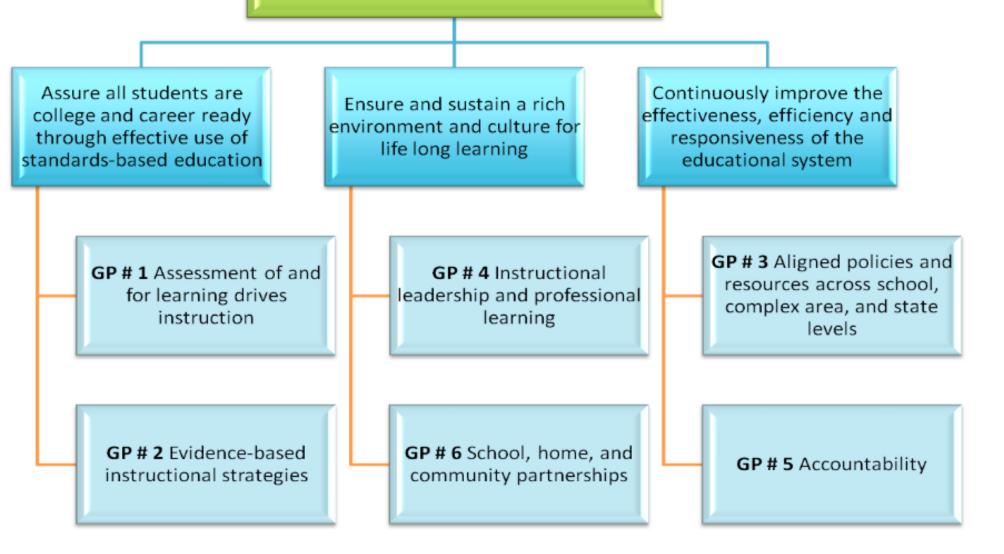
- Self-directed Learner
 - Make personal connections to your position
- Community Contributor
 - Honor the expertise of ALL
- Complex Thinker
 - Synergize Collective thoughts

- Quality Producer
 - Grow professionally
- Effective Communicator
 - Seek first to understand, then to be understood
- Effective & Ethical User of Technology
 - Remove all other distractions



Hawaii DOE's Strategic Plan

July 1, 2011- June 30, 2018





Webinar Information



A recording of this webinar will be posted on the Standards Toolkit website.

If there are any questions, please e-mail:

- Dewey Gottlieb, Mathematics Specialist
- Monica Mann, Acting Administrator
- Petra Schatz, Language Arts Specialist,
- Derrick Tsuruda, Science Specialist



Essential Question



 How will incorporating text complexity and text dependent questions into my classroom help prepare my students for college and career success?

I'm as proud of what we don't do as I am of what we do

- Steve Jobs



Desired Outcomes



Understanding of the...

- Common Core State Standard Major Shifts
- •3 Dimensions of Text Complexity
- Importance of Text Dependent Questions



Introduction Poll

Please complete the "Introduction Poll".





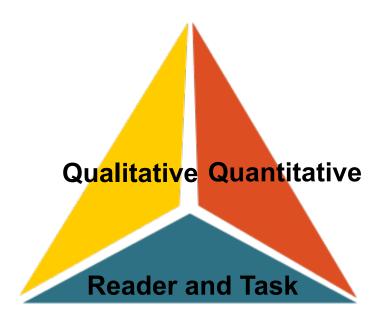
Common Core Shifts

- 1. Text Complexity and Range
- 2. Read Closely to Analyze, Infer and Give Evidence
- 3. Write to Sources
- 4. Short, Focused Research
- 5. Written and Spoken Argument
- 6. Academic Vocabulary
- 7. Shared Responsibility for Literacy Development Among All Teachers



Overview of Text Complexity

- Reading Standards include exemplar texts (stories and literature, poetry, and informational texts) that illustrate appropriate level of complexity by grade
- Text complexity is defined by:
- Quantitative measures readability and other scores of text complexity
- 2. Qualitative measures levels of meaning, structure, language conventionality and clarity, and knowledge demands
- 3. Reader and Task background knowledge of reader, motivation, interests, and complexity generated by tasks assigned

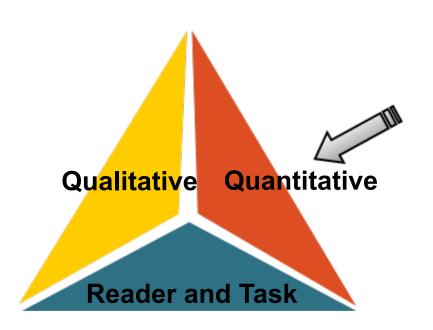




Overview of Text Complexity

Quantitative Measures

readability and other scores of text complexity





TEXT COMPLEXITY: QUANTITATIVE MEASURES: A DEEPER LOOK



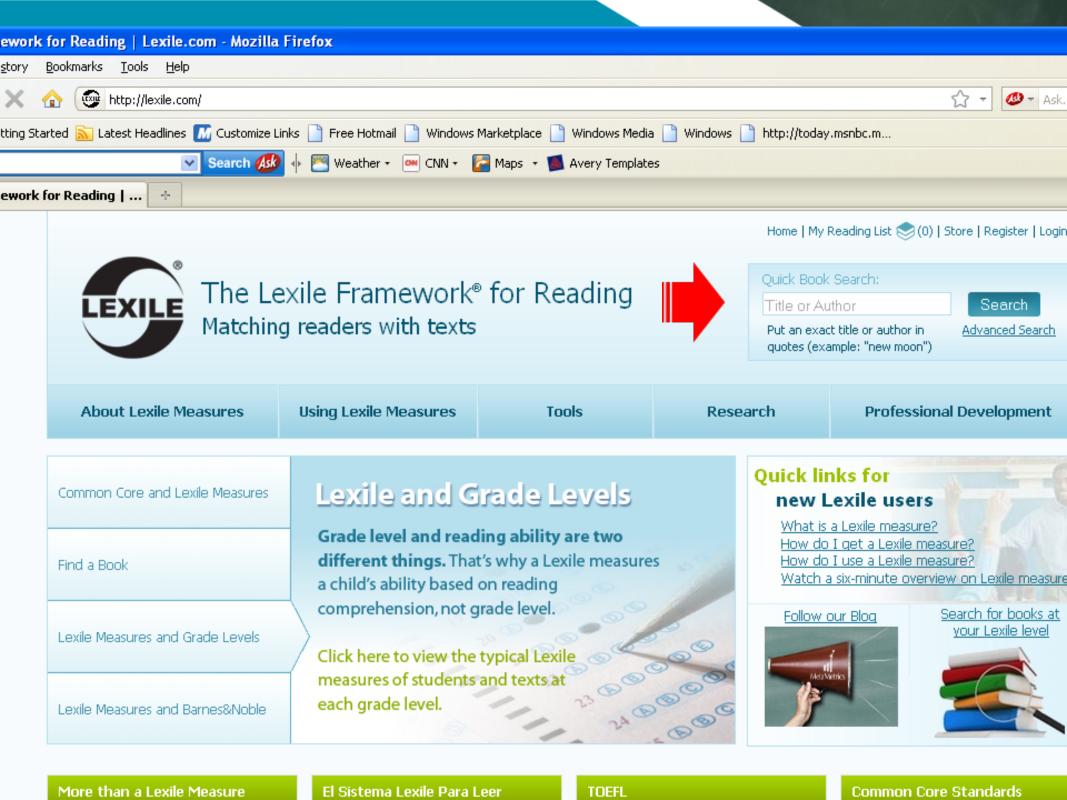
- Coh-Metrix (cohesiveness of a text-60 different indices)
- Flesch-Kincaid Grade Level Test (word length and sentence length)
- Dale-Chall Readability Formula (word frequency and sentence length)
- ATOS* (Accelerated Reader) (word difficulty, word length and sentence length, text length)
- The Lexile Framework* (word frequency and sentence length)
 Achieve 3000
 DSI (passages only)
 HSA
 - *Both reader and text are placed on the same scale

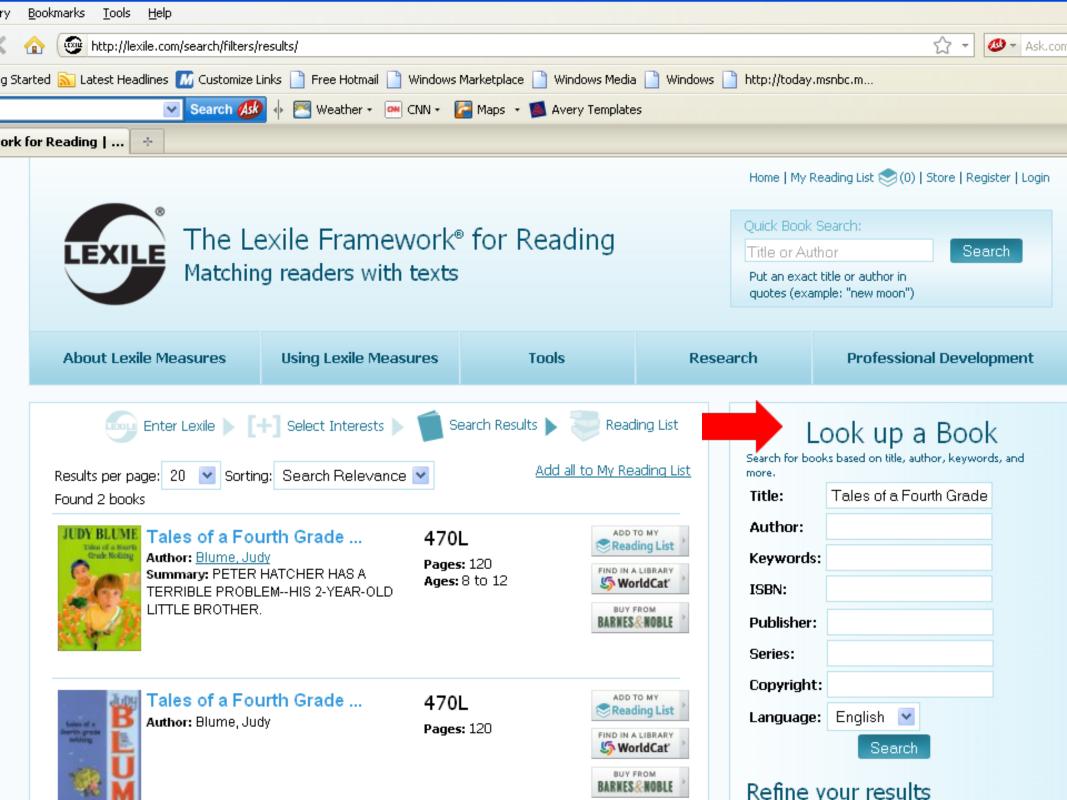


MEASURES MUST BE ALIGNED WITH COLLEGE AND CAREER READINESS EXPECTATIONS

Text Complexity Bands in the Standards	Old Lexile Range	Lexile Range Aligned to CCR expectaions
K-1	N/A	N/A
2-3	450-725	450-790
4-5	645-845	770-980
6-8	860-1010	955-1155
9-10	960-1115	1080-1305
11-CCR	1070-1220	1215-1355



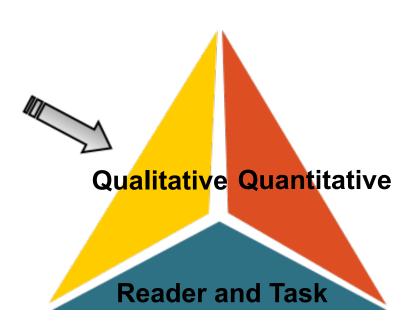




Overview of Text Complexity

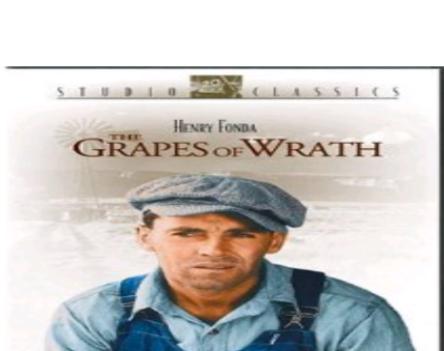
Qualitative Measures

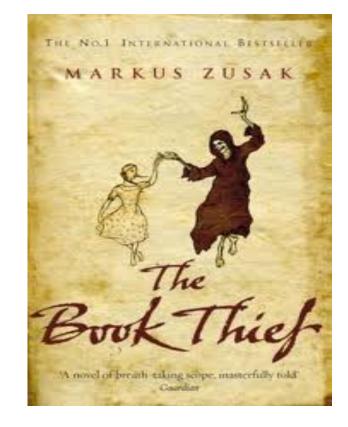
levels of meaning, structure, language conventionality and clarity, and knowledge demands













Qualitative Dimensions of Text Complexity

- Levels of Meaning (literary texts) or Purpose (informational texts)
- Structure
- Language Conventionality and Clarity
- Knowledge Demands: Life Experiences (literary texts)
- Knowledge Demands: Cultural/Literary Knowledge (chiefly literary texts)
- Knowledge Demands: Content/Discipline Knowledge (chiefly informational texts)



TEXT COMPLEXITY: QUALITATIVE MEASURES RUBRIC INFORMATIONAL TEXTS





		LEVELS OF PURPOS
High	Middle High	1

- □ Purpose: subtle, implied, difficult to
- □ Purpose: implied, but fairly easy to
- □ Purpose: implied, but easy to identify based upon context or source

Middle Low

□ Purpose: explicitly stated

STRUCTURE

□ Organization of Main Ideas and Details: highly complex; not explicit, must be inferred by the reader

High

- □ Text Features: if used, are essential in understanding content
- □ Use of Graphics: sophisticated graphics, essential to understanding the text, may also provide information not otherwise conveyed in the text

Middle High

- □ Organization of Main Ideas and Details: complex but largely explicit; may exhibit traits common to a specific subject or discipline
- □ Text Features: if used, greatly enhance the reader's understanding of
- □ Use of Graphics: some sophisticated graphics, may occasionally be essential to understanding the text

Middle Low

- □ Organization of Main Ideas and Details: may be complex, but clearly stated and generally sequential
- □ Text Features: if used, enhance the reader's understanding of content
- ☐ Use of Graphics: largely simple graphics, supplementary to understanding of the text

Low

Low

- ☐ Organization of Main Ideas and Details: clearly stated and sequential
- □ Text Features: if used, help the reader navigate and understand content but are not essential
- □ Use of Graphics: use of simple graphics, unnecessary to understand the text

LANGUAGE CONVENTIONALITY AND CLARITY

High

- ☐ Meaning: dense and complex; may be abstract, ironic, and/or figurative; language may be purposefully ambiguous or misleading
- □ Register: generally unfamiliar, archaic, subject-specific, or overly academic

Middle High

- ☐ Meaning: somewhat complex; may occasionally be abstract, ironic, and/or figurative
- □ Register: occasionally unfamiliar, archaic, subject-specific, or overly academic

Middle Low

- ☐ Meaning: largely explicit and easy to understand with few occasions of more complex meaning
- □ Register: largely contemporary, familiar, conversational; rarely unfamiliar, archaic, subject-specific, or overly academic

Low

- □ Meaning: explicit, literal, straightforward, easy to understand
- □ Register: contemporary, familiar, conversational

KNOWLEDGE DEMANDS

High

- ☐ Subject Matter Knowledge: requires extensive, perhaps specialized or even theoretical subject-specific knowledge
- ☐ Intertextuality: many references/allusions to other texts

Middle High

- □ Subject Matter Knowledge: requires moderate levels of subject-specific knowledge; some theoretical knowledge may enhance understanding
- ☐ Intertextuality: some references/allusions to other texts

Middle Low

- □ Subject Matter Knowledge: largely everyday, practical knowledge is necessary; requires some subjectspecific knowledge
- □ Intertextuality: few references/allusions to other texts

Low

- □ Subject Matter Knowledge: requires only everyday, practical knowledge
- □ Intertextuality: no references/allusions to other texts

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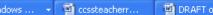
























Texts Illustrating the Complexity, Quality, and Range of Student Reading K-5

	Literature: Stories, Drama, Poetry	Informational Texts: Literary Nonfiction and Historical, Scientific, and Technical Texts
к	Over in the Meadow by John Langstaff (traditional) (c1800)* A Boy, a Dog, and a Frog by Mercer Mayer (1967) Pancakes for Breakfast by Tomie DePaola (1978) A Story, A Story by Gall E. Haley (1970)* Kitten's First Full Moon by Kevin Henkes (2004)*	 My Five Senses by Alki (1962)** Truck by Donald Crews (1980) I Read Signs by Tana Hoban (1987) What Do You Do With a Tall Like This? by Steve Jenkins and Robin Page (2003)* Amazing Whales! by Sarah L. Thomson (2005)*
r	 "Mix a Pancake" by Christina G. Rossetti (1893)** Mr. Popper's Penguins by Richard Atwater (1938)* Little Bear by Else Holmelund Minarik, Illustrated by Maurice Sendak (1957)** Frog and Toad Together by Arnold Lobel (1971)** Hi! Fly Guy by Tedd Arnold (2006) 	 A Tree is a Plant by Clyde Robert Bulla, illustrated by Stacey Schuett (1960)** Starfish by Edith Thacher Hurd (1962) Follow the Water from Brook to Ocean by Arthur Dorros (1991)** From Seed to Pumpkin by Wendy Pfeffer, illustrated by James Graham Hale (2004)* How People Learned to Fly by Fran Hodgkins and True Kelley (2007)*
2-3	Who Has Seen the Wind?" by Christina G. Rossetti (1893) Charlotte's Web by E. B. White (1952)* Sarah, Plain and Tall by Patricia MacLachian (1985) Tops and Bottoms by Janet Stevens (1995) Poppleton in Winter by Cynthia Rylant, illustrated by Mark Teague (2001)	 A Medieval Feast by Aliki (1983) From Seed to Plant by Gall Gibbons (1991) The Story of Ruby Bridges by Robert Coles (1995)* A Drop of Water: A Book of Science and Wonder by Walter Wick (1997) Moonshot: The Flight of Apollo 11 by Brian Floca (2009)
4-5	 Alice's Adventures in Wonderland by Lewis Carroll (1865) "Casey at the Bat" by Ernest Lawrence Thayer (1888) The Black Stallion by Walter Farley (1941) "Ziateh the Goat" by Isaac Bashevis Singer (1984) Where the Mountain Meets the Moon by Grace Lin (2009) 	 Discovering Mars: The Amazing Story of the Red Planet by Melvin Berger (1992) Hurricanes: Earth's Mightlest Storms by Patricia Lauber (1996) A History of US by Joy Hakim (2005) Horses by Seymour Simon (2006) Quest for the Tree Kangaroo: An Expedition to the Cloud Forest of New Guinea by Sy Montgomery (2006)

Note:

Given space limitations, the illustrative texts listed above are meant only to show individual titles that are representative of a wide range of topics and genres. (See Appendix B for excerpts of these and other texts illustrative of K-5 text complexity, quality, and range.) At a curricular or instructional level, within and across grade levels, texts need to be selected around topics or themes that generate knowledge and allow students to study those topics or themes in depth. On the next page is an example of progressions of texts building knowledge across grade levels.

*Children at the kindergarten and grade 1 levels should be expected to read texts independently that have been specifically written to correlate to their reading level and their word knowledge. Many of the titles listed above are meant to supplement carefully structured independent reading with books to read along with a teacher or that are read aloud to students to build knowledge and cultivate a joy in reading.



COMMON CORE STATE STANDARDS FOR

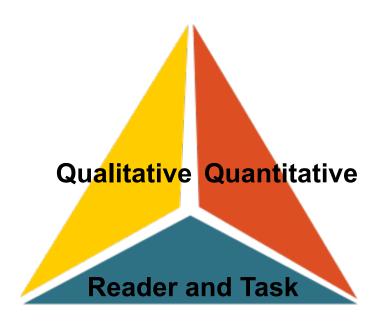
English Language Arts & Literacy in History/Social Studies, Science, and Technical Subjects

Appendix B: Text Exemplars and Sample Performance Tasks

Overview of Text Complexity

Reader and Task

background knowledge of reader, motivation, interests, and complexity generated by tasks assigned







Reader and Task Considerations



Reader and Task Considerations

Cognitive Capabilities

- Does the reader possess the necessary attention to read and comprehend this specific text?
- Will the reader be able to remember and make connections among the various details presented in this specific text?
- Does the reader possess the necessary critical/analytic thinking skills to understand
 the relationships between the main idea, purpose, and/ortheme of the text and the
 various details used to support that main idea, purpose, and/ortheme?
- Will this specific text help to develop the attention, memory, and critical/analytic thinking skills necessary for future reading endeavors?

Reading Skills

- Does the reader possess the necessary inferencing skills to "read between the lines" and make connections among elements that may not be explicit in this specific text?
- Does the reader possess the necessary visualization skills to imagine what is occurring or what is being described in this specific text?
- Does the reader possess the necessary questioning skills to challenge the ideas being presented in this text and consider those ideas from multiple points of view?
- Does the reader possess the necessary comprehension strategies to manage the material in this specific text?
- Will this specific text help to develop the inferencing skills, visualization skills, questioning skills, and comprehension strategies necessary for future reading endeavors?

Motivation and Engagement with Task and Text

- Will the reader understand the purpose—which might shift over the course of the reading experience—for reading this specific text (i.e., skimming, studying to retain content, close reading for analysis, etc.)?
- · Will the reader be interested in the content of this specific text?



The questions included here are largely openended questions without single, correct answers, but help educators to think through the implications of using a particular text in the classroom.



Questions for Professional Reflection on

Reader and Task Considerations

Cognitive Capabilities

- Does the reader possess the necessary attention to read and comprehend this specific text?
- Will the reader be able to remember and make connections among the various details presented in this specific text?
- Does the reader possess the necessary critical/analytic thinking skills to understand
 the relationships between the main idea, purpose, and/or theme of the text and the
 various details used to support that main idea, purpose, and/or theme?
- Will this specific text help to develop the attention, memory, and critical/analytic thinking skills necessary for future reading endeavors?

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- Does the reader possess the necessary questioning skills to challenge the ideas being presented in this text and consider those ideas from multiple points of view?
- Does the reader possess the necessary comprehension strategies to manage the material in this specific text?
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Motivation and Engagement with Task and Text

- Will the reader understand the purpose—which might shift over the course of the reading experience—for reading this specific text (i.e., skimming, studying to retain content, close reading for analysis, etc.)?
- Will the reader be interested in the content of this specific text?



Questions for Professional Reflection on

Reader and Task Considerations

- Might the reader develop an interest in this content because of this text?
- Will the reader be interested and engaged with the style of writing and the presentation of ideas within this specific text?
- Will the text maintain the reader's motivation and engagement throughout the reading experience?

Prior Knowledge and Experience

- Does the reader possess adequate prior knowledge and/or experience regarding the topic of this specific text to manage the material that is presented?
- Are there any explicit connections that can be made between what content the reader will encounter in this specific text and other learning that may occur in this or another class?
- Does the reader possess adequate prior knowledge and/or experience regarding the vocabulary used within this specific text to manage the material that is presented?
- Does the reader possess adequate knowledge of and/or experience with the genre
 of this specific text to manage the material that is presented?

Content and/or Theme Concerns

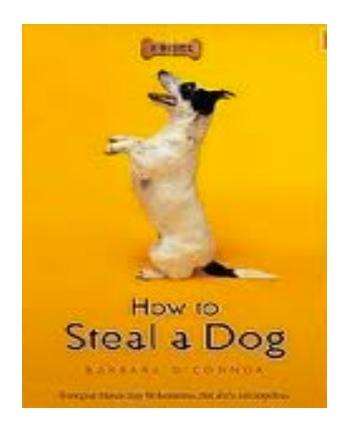
- Are there any potentially concerning elements of content or theme that might contribute to students, teachers, administrators, and/or parents feeling uncomfortable with reading this specific text?
- Does the reader possess the maturity to respond appropriately to any potentially concerning elements of content or theme?

Complexity of Associated Tasks

- Will the complexity of any before-, during-, or after-reading tasks associated with this specific text interfere with the reading experience?
- Will the complexity of any questions asked or discussed concerning this text interfere with the reading experience?









Determining Text Complexity

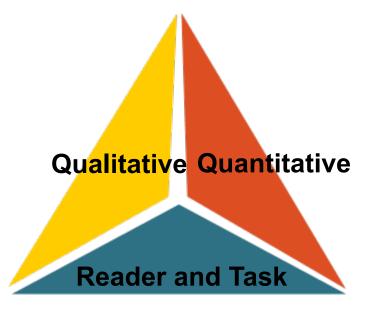
A Four-step Process:

- 1. Determine the quantitative measures of the text.
- 2. Analyze the qualitative measures of the text.
- 3. Reflect upon the reader and task considerations.
- 4. Recommend placement in the appropriate text complexity band.

Text Complexity Grade Bands	
K-1	
2-3	
4-5	
6-8	
9-10	
11-CCR	

IFEXT COMPLEXITY: QUALITATIVE MEASURES RUBRIC INFORMATIONAL TEXTS A			
	LEVELS OF		
High	Middle High	Middle Low	Low
☐ Purpose: rubtle, implied, difficult to determine	□ Purpose: implied, but fairly easy to infer	□ Purpose: implied, but easy to identify based upon context or source	□ Purpose: explicitly stated
	STRUC	TURE	
High	Middle High	Middle Low	Low
Ovganization of Main Ideas and Details highly complex; not explicit, must be infected by the conder	Organization of Main Ideas and Details: complex but largely explicit; may exhibit traits common to a specific subject or discipline Organization of training and	Organization of Main Ideas and Details: may be complex, but clearly stated and generally sequential	Organization of Main Ideas and Details: clearly stated and sequential
in understanding content	enhance the reader's understanding of content	☐ Text Features: if used, enhance the reader's understanding of content	reader navigate and understand content but are not expential
Use of Graphice sophisticated graphics, essential to understanding the text, may also provide information not otherwise conveyed in the text	 Use of Graphics: some sophisticated graphics, may occasionally be essential to understanding the text 	 Use of Graphics: largely simple graphics, supplementary to understanding of the text 	 Use of Graphics use of simple graphics, unnecessary to understand the taxt
	LANGUAGE CONVENTION	ONALITY AND CLARITY	
High	Middle High	Middle Low	Low
☐ Meaning: dense and complex; may be abstract, ironic, and/or figurative; language may be purposefully ambiguous or misleading	 Meaning: somewhat complex; may occasionally be abstract, ironic, and/or figurative 	☐ Meaning: largely explicit and easy to understand with few occasions of more complex meaning	 Meaning: explicit, literal, straightforward, easy to understand
Empirer generally unfamiliar, archaic, subject-specific, or overly academic	 Register: occasionally unfamiliar, archaic, subject-specific, or overly academic 	 Register: largely centemporary, familiar, conversational; rarely unfamiliar, archaic, subject-specific, or overly academic 	□ Registers contemporary, familiar, conversational
KNOWLEDGE DEMANDS			
High	Middle High	Middle Low	Low
□ Subject Matter Knowledge: requires extensive, perhaps specialized or even theoretical subject-specific knowledge	□ Subject Matter Knowledge: requires moderate levels of subject-specific knowledge; some theoretical knowledge may enhance understanding	□ Subject Matter Knowledge: largely everyday, practical knowledge is necessary, requires seems subject- specific knowledge	□ Subject Matter Knowledge: requires only everyday, practical knowledge
□ Intertextuality: many references allusions to other texts	□ Intertextuality: some references/allusions to other texts	□ Intertextuality: few references/allusions to other texts	☐ Intertextuality: no references (allusions to other texts

Text Complexity Grade Bands	Suggested Lexile Range	Suggested ATOS Book Level Range**
K-1	100L - 500L*	1.0 – 2.5
2-3	450L - 790L	2.0 – 4.0
4-5	770L – 980L	3.0 – 5.7
6-8	955L – 1155L	4.0 - 8.0
9-10	1080L - 1305L	4.6 – 10.0
11-CCR	1215L – 1355L	4.8 – 12.0







Quantitative Measures:

- ➤ Various readability measures are largely in agreement that the book is of appropriate complexity for grades 4-7.
- ➤ The Lexile measure of the novel is 700L.
- ➤ The ATOS formula (used with the Accelerated Reader program) identifies this title as having a book level of 4.0.





Qualitative Measures:

Levels of Meaning:

The novel has a single level of meaning: a contemporary girl's struggles with a moral dilemma to solve economic hardship and family troubles.

Structure:

A simple structure told by a single narrator with events in chronological order. The novel does employ foreshadowing but flashbacks are not used.

Language Conventionality and Clarity:

Simple figurative language and imagery used. The voice of the narrator is conversational, familiar, and contemporary.

Knowledge Demands:

Themes include poverty, family relationships, and moral dilemma. Events of the novel are everyday experiences common to our contemporary world.





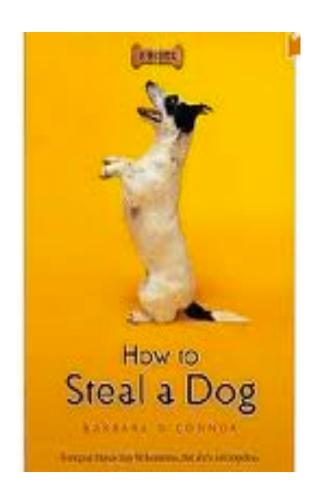
Reader-Task Considerations:

➤ These are to be determined locally with reference to such variables as a student's motivation, knowledge, and experiences as well as purpose and the complexity of the task assigned and the question posed.

Educators might want to examine the following elements or issues: the ethics of stealing the consequences of poverty the creation of personal standards of behavior







After reflecting upon all three legs of the text complexity model, we can make a final recommendation for placement of a text and begin to document our thinking for future reference.

Both the qualitative and quantitative measures support the novel's placement in the grades 4-5 text complexity band.

Text Complexity Grade Bands	Suggested Lexile Range	Suggested ATOS Book Level Range**
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2-3	450L – 790L	2.0 – 4.0
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6-8	955L – 1155L	4.0 – 8.0
9-10	1080L - 1305L	4.6 – 10.0
11-CCR	1215L – 1355L	4.8 – 12.0



What have you used with success?



Type in the chat box the title of a text that you

have used with success in your own classroom

for a particular grade level.



Vital to Focus on Informational Text

- Harder for students to comprehend informational text than narrative text due to its features
- Much of our knowledge base comes from info text
- Academic vocabulary comes largely from info text
- Makes up vast majority of the required reading in college/ workplace (80 percent)
- Yet students are asked to read very little of it in elementary and middle school (7 to 15 percent)
- CCSS moves percentages to 50:50 at elementary level and 75:25 at secondary level

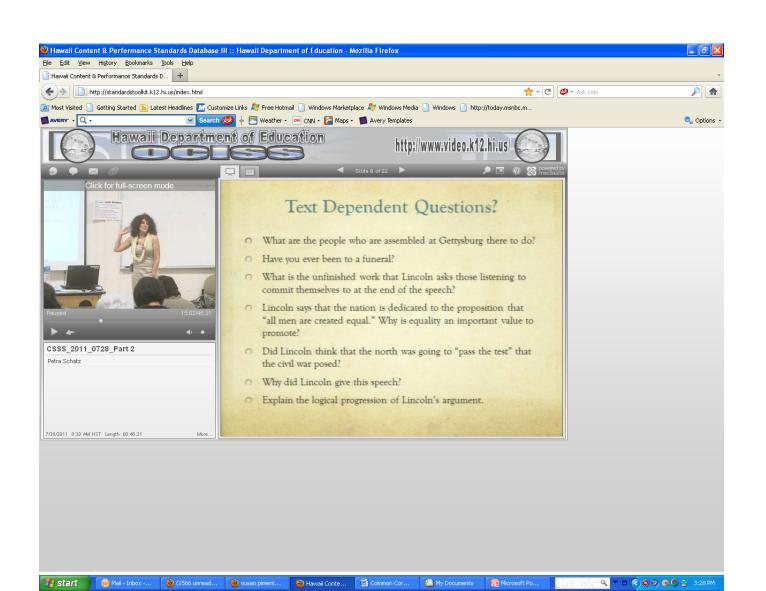


Shared Challenge: But Bobby is reading well below his grade level?

- Allow students to practice with complex texts while they get extra support
- Practice with lots of short texts
- Slow down, read and re-read
- Offer sequences of engaging <u>text-dependent questions</u> (questions that could not be answered without having the specific text)
- Place a premium on stamina and persistence



Susan Pimentel- Lead Writer ELA Common Core

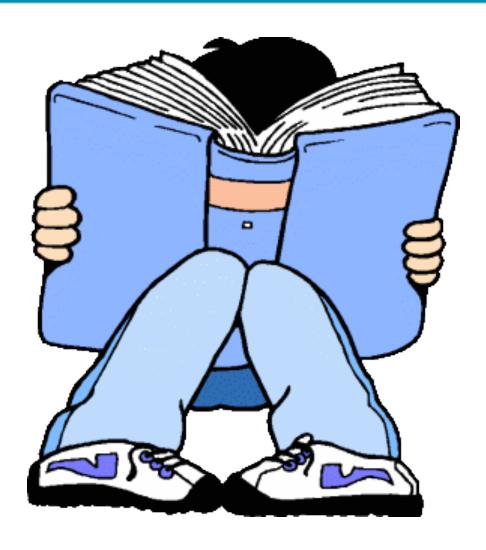


Importance of Text-Dependent Questions in the Lesson

- Require students to follow the details of what is explicitly stated and make valid claims that square with text evidence
- Do not require information or evidence from outside the text
- Linger over specific phrases and sentences
- Questions build on each other so students stay focused on the text and learn fully from it
- 80-90% of reading standards require text-dependent analysis yet about over 30% of Q's in major textbooks do not



Samples of Text Dependent Questions





Additional Resources

- standardstoolkit.k12.hi.us
- The Hunt Institute and CCSSO Common Core Implementation Video Series
- Common Core Appendix B
- The Making of a Scientist
- Rubric for Text Complexity



Questions and Answers



