



Standard #: LAFS.910.WHST.3.7

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Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.

General Information

Subject Area: English Language Arts

Grade: 910

Strand: Writing Standards for Literacy in History/Social Studies, Science, and Technical Subjects

Idea: Level 4: Extended Thinking &Complex Reasoning

Cluster: Research to Build and Present Knowledge -

Date Adopted or Revised: 12/10

Content Complexity Rating: [Level 4: Extended Thinking &Complex Reasoning](#) - [More Information](#)

Date of Last Rating: 02/14

Status: State Board Approved

Related Courses

Course Number	Course Title
2001350:	Astronomy Solar/Galactic (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2000310:	Biology 1 (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2000320:	Biology 1 Honors (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2003350:	Chemistry 1 Honors (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2001310:	Earth/Space Science (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2001320:	Earth/Space Science Honors (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2002400:	Integrated Science 1 (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2002410:	Integrated Science 1 Honors (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2002420:	Integrated Science 2 (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2002430:	Integrated Science 2 Honors (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2003310:	Physical Science (Specifically in versions: 2015 - 2022 (current), 2022 and beyond)
2003320:	Physical Science Honors (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2003600:	Principles of Technology 1 (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2003610:	Principles of Technology 2 (Specifically in versions: 2014 - 2015, 2015 - 2018 (course terminated))
2002330:	Space Technology and Engineering (Specifically in versions: 2014 - 2015, 2015 - 2018 (course terminated))
2000800:	Florida's Preinternational Baccalaureate Biology 1 (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2002340:	Experimental Science 1 Honors (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2002350:	Experimental Science 2 Honors (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
0800350:	Adolescent Health Problems (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
0800360:	Health Explorations Honors (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2101300:	Anthropology (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2120710:	Anthropology Honors (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2100340:	African-American History (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2100350:	Florida History (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2100360:	Latin American History (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2100370:	Eastern and Western Heritage (Specifically in versions: 2014 - 2015, 2015 - 2017, 2017 - 2022 (current), 2022 and beyond)
2100380:	Visions and Their Pursuits:An American Tradition-U.S.History to 1920 (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2100400:	The History of The Vietnam War (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2100470:	Visions & Their Pursuits:An AmerTrad-U.S. Hist to 1920 Honors (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2102800:	Florida's Preinternational Baccalaureate Comparative Economics With Financial Literacy (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2103300:	World Cultural Geography (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2104300:	Introduction to the Social Sciences (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2104320:	Global Studies (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2104340:	Women's Studies (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)

2104600:	Multicultural Studies (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2105310:	World Religions (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2105340:	Philosophy (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2105350:	Ethics (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2120910:	Philosophy Honors (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2120915:	Philosophy Honors 2 (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2106330:	Civics (Specifically in versions: 2014 - 2015, 2015 - 2019 (course terminated))
2106340:	Political Science (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2106350:	Law Studies (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2106355:	International Law (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2106360:	Comparative Political Systems (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2106370:	Comprehensive Law Studies (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2106375:	Comprehensive Law Honors (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2106380:	Legal Systems and Concepts (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2106390:	Court Procedures (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2106400:	Court Procedures Intern (Specifically in versions: 2014 - 2015, 2015 - 2021 (course terminated))
2106440:	International Relations (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2106445:	International Relations 2 Honors (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2106468:	Constitutional Law Honors (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2106800:	Florida's Preinternational Baccalaureate United States Government (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2107300:	Psychology 1 (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2107310:	Psychology 2 (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2108300:	Sociology (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2109310:	World History (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2109320:	World History Honors (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2109330:	African History (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2109350:	Contemporary History (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2109410:	Jewish History (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2109430:	Holocaust (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
2109810:	Florida's Preinternational Baccalaureate World History (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
0100310:	Introduction to Art History (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
0100320:	Art in World Cultures (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
0100330:	Art History and Criticism 1 Honors (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
0100340:	Art History and Criticism 2 Honors (Specifically in versions: 2014 - 2015, 2015 - 2021 (course terminated))
0114800:	Florida's Preinternational Baccalaureate Art 1 (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
0300300:	World Dance (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
0300410:	Dance Repertory 2 (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
0300450:	Dance History and Aesthetics 1 (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
0400350:	Theatre History and Literature 1 (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
0400360:	Theatre History and Literature 2 Honors (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
0400410:	Technical Theatre Design & Production 1 (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
0400420:	Technical Theatre Design & Production 2 (Specifically in versions: 2014 - 2015, 2015 - 2022 (current), 2022 and beyond)
0900310:	Humanities 1 (to 1500) Honors (Specifically in versions: 2014 - 2015, 2015 - 2020, 2020 - 2022 (current), 2022 and beyond)
0900320:	Humanities 2 (since 1500) Honors (Specifically in versions: 2014 - 2015, 2015 - 2020, 2020 - 2022 (current), 2022 and beyond)
1301320:	Guitar 1 (Specifically in versions: 2014 - 2015, 2015 - 2020, 2020 - 2022 (current), 2022 and beyond)
1301330:	Guitar 2 (Specifically in versions: 2014 - 2015, 2015 - 2020, 2020 - 2022 (current), 2022 and beyond)
1301360:	Keyboard 1 (Specifically in versions: 2014 - 2015, 2015 - 2020, 2020 - 2022 (current), 2022 and beyond)
1301370:	Keyboard 2 (Specifically in versions: 2014 - 2015, 2015 - 2020, 2020 - 2022 (current), 2022 and beyond)
1302470:	Instrumental Ensemble 2 (Specifically in versions: 2014 - 2015, 2015 - 2020, 2020 - 2022 (current), 2022 and beyond)
1302500:	Jazz Ensemble 1 (Specifically in versions: 2014 - 2015, 2015 - 2020, 2020 - 2022 (current), 2022 and beyond)
1302510:	Jazz Ensemble 2 (Specifically in versions: 2014 - 2015, 2015 - 2020, 2020 - 2022 (current), 2022 and beyond)
1700310:	Research 2 (Specifically in versions: 2014 - 2015, 2015 - 2022, 2022 and beyond)
1700360:	Florida's Preinternational Baccalaureate Inquiry Skills (Specifically in versions: 2014 - 2015, 2015 - 2022, 2022 and beyond)
7920015:	Access Biology 1 (Specifically in versions: 2014 - 2015, 2015 - 2018, 2018 and beyond)
7920020:	Access Earth/Space Science (Specifically in versions: 2014 - 2015, 2015 - 2018, 2018 and beyond)
7920025:	Access Integrated Science 1 (Specifically in versions: 2014 - 2015, 2015 - 2018, 2018 and beyond)
2109315:	World History for Credit Recovery (Specifically in versions: 2015 - 2022, 2022 and beyond)
2105355:	Philosophy Honors: Ethics (Specifically in versions: 2014 - 2015, 2015 - 2022, 2022 and beyond)
2000315:	Biology 1 for Credit Recovery (Specifically in versions: 2014 - 2015, 2015 - 2022, 2022 and beyond)
2000500:	Bioscience 1 Honors (Specifically in versions: 2014 - 2015, 2015 - 2022, 2022 and beyond)
2002405:	Integrated Science 1 for Credit Recovery (Specifically in versions: 2014 - 2015, 2015 - 2020 (course terminated))
2002425:	Integrated Science 2 for Credit Recovery (Specifically in versions: 2014 - 2015, 2015 - 2020 (course terminated))
1300340:	Music of the World (Specifically in versions: 2014 - 2015, 2015 - 2020, 2020 - 2022 (current), 2022 and beyond)
0400710:	Musical Theatre 2 (Specifically in versions: 2014 - 2015, 2015 - 2020, 2020 - 2022 (current), 2022 and beyond)

0400720:	Musical Theatre 3 (Specifically in versions: 2014 - 2015, 2015 - 2020, 2020 - 2022 (current), 2022 and beyond)
1305410:	Music Ensemble 2 (Specifically in versions: 2014 - 2015, 2015 - 2020, 2020 - 2022 (current), 2022 and beyond)
7921035:	Fundamental United States History (Specifically in versions: 2013 - 2015, 2015 - 2017 (course terminated))
7921040:	Fundamental Economics (Specifically in versions: 2013 - 2015, 2015 - 2017 (course terminated))
7921045:	Fundamental United States Government (Specifically in versions: 2013 - 2015, 2015 - 2017 (course terminated))
7921030:	Fundamental World History (Specifically in versions: 2013 - 2015, 2015 - 2017 (course terminated))
7921042:	Fundamental Economics with Financial Literacy (Specifically in versions: 2014 - 2015, 2015 - 2017 (course terminated))
2100460:	Eastern and Western Heritage Honors (Specifically in versions: 2014 - 2015, 2015 - 2017, 2017 - 2022, 2022 and beyond)
0900305:	Humanities 1 Honors (Specifically in versions: 2014 - 2015, 2015 - 2020, 2020 - 2022 (current), 2022 and beyond)
7921027:	Access World History (Specifically in versions: 2014 - 2015, 2015 - 2018, 2018 and beyond)
0900315:	Humanities 2 Honors (Specifically in versions: 2014 - 2015, 2015 - 2020, 2020 - 2022 (current), 2022 and beyond)
0300305:	Introduction to Dance (Specifically in versions: 2015 - 2022, 2022 and beyond)
2100336:	African-American History Honors (Specifically in versions: 2015 - 2022, 2022 and beyond)
2100405:	Holocaust History Honors (Specifically in versions: 2015 - 2022, 2022 and beyond)
2100365:	African History Honors (Specifically in versions: 2015 - 2022, 2022 and beyond)
7920022:	Access Physical Science (Specifically in versions: 2016 - 2018, 2018 and beyond)
2001341:	Environmental Science Honors (Specifically in versions: 2016 - 2022, 2022 and beyond)
2100345:	Great Men and Women of Color Who Shaped World History (Specifically in versions: 2017 - 2022, 2022 and beyond)
2104310:	Examining the African American Experience in the 20th Century (Specifically in versions: 2017 - 2022, 2022 and beyond)
2106410:	Humane Letters 1 - History (Specifically in versions: 2019 - 2022, 2022 and beyond)
1005345:	Humane Letters 1 - Literature (Specifically in versions: 2019 and beyond)
2100355:	History and Contributions of Haiti in a Global Context (Specifically in versions: 2020 - 2022 (current), 2022 and beyond)

Related Resources

Lesson Plans

Name	Description
Citizen Science:	Citizen science is a critical component to many different scientific studies, and gives citizen scientists the opportunity to better understand the research and the process. In some studies, citizen scientists assist in major scientific discoveries that can change or create legislature. Students will participate in ongoing citizen science projects to learn more about the scientific method.
My 2 Cents:	Students predict how the mass of a penny changes over time, devise a method to test their prediction, collect/analyze data and determine the composition of a penny based on physical properties and calculations. This student-centered activity allows freedom from mistakes as they explore their learning in a supportive environment.

Professional Development

Name	Description
Branching Out: Growing Literacy Skills in Writing:	<p>Click "View Site" to open a full-screen version.</p> <p>By the end of this module, teachers should be able to:</p> <ul style="list-style-type: none"> • Label the College and Career Readiness, also known as CCR, anchor standards for Writing • Explain the structure and organization of the grade-specific Writing standards for Literacy in History/Social Studies, Science and Technical Subjects • Use the grade-specific Writing standards to identify what students should know and be able to do <p>This is Module 2 of 4 in the series, "Literacy across the Content Areas: Reading and Writing to Build Content Knowledge."</p>

Teaching Ideas

Name	Description
The Birthday Paradox:	The exercise detailed in this resource poses a paradox regarding birthdays. The question raised: how large does a group have to be in order to have a 50% or better probability that two or more people in the group share the same birthday? Intuitions about probability are challenged as students use their calculators to simulate random values to represent the birthdays and reach an answer.
Endangered Species Worldwide:	Students will be able to use a world map or globe to locate the distribution of at least 10 endangered species and describe the current threats and conservation efforts concerning one endangered species of animal or plant.

Unit/Lesson Sequence

Name	Description
Nationalism, Colonialism, and The Cold War:	This web resource provides a full teaching unit in PDF format designed to help students understand shifts in world politics during the second half of the twentieth century. Through an examination of primary and secondary source documents, students will work to gain awareness of the process that led to the creation of more than fifty independent sovereign states. Students will analyze the influence that the Soviet Union and the United States held over new states during the Cold War. The unit's summative assessment asks students to present research findings explaining the specific contexts of one newly-independent African state and one newly-independent Southeast Asian state.

