## LOUISIANA DEPARTMENT OF EDUCATION

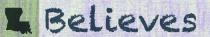


# Math and ELA Accelerate Webinar

# Agenda

- I. Overview
- II. Acceleration Cycle
- III. Accelerate Approach in Math
- IV. Assistments Partnership
- V. Accelerate Approach in ELA
- VI. Questions
- VII. Closing





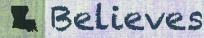
## **Overview**



## **Overview**

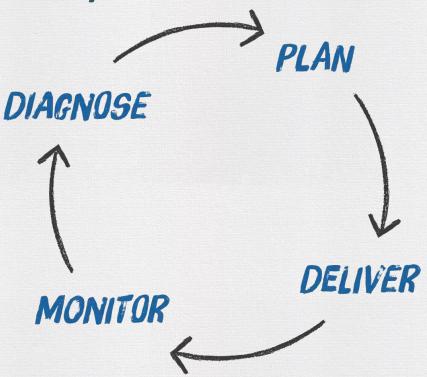
Louisiana believes that equal-access, effective tutoring is a priority and can improve student achievement.

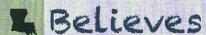
To effectively address and prevent unfinished learning, students must be provided with extra time to learn through equal-access tutoring. Accelerate is designed to support school systems implementing tutoring at scale as a core function in order to achieve significant results for all students.



# **Acceleration Cycle**

The Acceleration Cycle is a structure of continuous planning and responding to address student needs.





# **Accelerate Approach in Math**

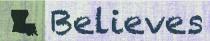


# **Accelerate Math: Approach**

The approach in math focuses on scaffolding relevant previous grade-level conceptual understanding.

In addition to the supports provided within the existing high quality curriculum, teachers should

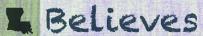
- engage students with relevant previous grade-level content in a timely manner with explicit connections to the on-grade-level content with which students are learning in class; and
- review data specific to essential prerequisite knowledge and skills for upcoming lessons and determine when and how to act based on the evidence of the unfinished learning in the class.



## Acceleration



source: Hawaii Office of Curriculum and Instructional Design



# The Acceleration Cycle in Math

Diagnose student's unfinished learning of the prerequisite content knowledge and skills. **DIAGNOSE** 

PLAN S

DIAGNOSE

DELIVER

MONITOR

**Plan** for timing and content for acceleration support for all students.

**Monitor** progress to adjust supports based on student performance.

**Deliver** just-in-time, curriculum-aligned support.





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File	Download
2021-2022 Louisiana Acceleration Series	Download
Accelerate - Louisiana's Pre-K-12 Tutoring Strategy	Download
Accelerate ELA Grades 3-10 2021-2022	Download
Accelerate ELA Grades K-2 2021-2022	Download
Accelerate ELA Summer 2022	Download
Accelerate Math	Download
Accelerate Math Summer Learning 2022	Download
Accelerate Pre-K 2022	Download

#### WEBINARS

File	Download
Accelerate ELA Webinar Feb 18	Download
Accelerate ELA Webinar Sept 8	<u>Download</u>
Accelerate Kick-off	Download
Accelerate Overview Webinar August 25 2021	Download

Accelerate Math Overview and Approach Video

Accelerate ELA Webinar (September 8, 2021)

Accelerate Summer Resources Webinar



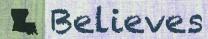


#### Resources

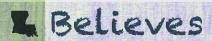
The Accelerate Math resources are built as proactive support to upcoming classroom content in order to ensure students' readiness for grade level mathematics. Math tutoring resources are designed to provide support on the most essential prerequisite knowledge and skills to support success in next week's upcoming lessons. Materials for each grade-level include Acceleration Tools, correlations to in-class lessons, links to Google slide presentations for each tutoring session, links to <u>virtual manipulatives</u>, and <u>Desmos</u> activities when available. Sessions were designed for one hour of virtual instruction for two sessions per week, but teachers should adjust to the mode of delivery, time, technology, and resources available. Elements of the Google slide presentations can be delivered as is, written on paper and shown to students through a document camera, imported into other presentation software or platforms, or used with students physically present.

Resources will be updated throughout the 2020-2021 school year.

	0:	0.	·	Accelerate Ma	ath Resources			s:	
Grade K	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6 Eureka Math  Grade 6 Illustrative Math	Grade 7 Eureka Math  Grade 7 Illustrative Math	Grade 8 Eureka Math  Grade 8 Illustrative Math	Algebra I Geometry



	Grade 6 - Eureka Math				
Session Accelerates to these Grade-Level Lessons		Session Focus Topic:	Connected Grade-Level Standards.	Source Content and Foundational Standards	
		Acceleration Tool Module 1 Topic A			
Module 1 Topic A & B Lessons  1-6  Module 1 Topic A & B Lessons  1-6 Exit Ticket	show • dete	the area model and multiplication to with the equivalence of two fractions ermine what fraction equal to 1 is used to erate equivalent fractions	6.RP.A.1, 6.RP.A.3	Grade 4 Module 5 - L7 Grade 5 Module 4 - L21 Foundational Standards: 4.NF.A.1, 5.NF.B.5	
Module 1 Topic A Lessons 5-8  Module 1 Topic A Lessons 5-8 Exit Ticket	mult  Inter find	ing two-step word problems including tiplicative comparison. rpret a fraction as division the value of a fraction e a fraction as a decimal	6.RP.A.1, 6.RP.A.3	Grade 4 Module 3 - L11, 12, 13 Grade 5 Module 4 -L2, 3, 4 Foundational Standards: 4.OA.A.2, 5.NF.B.3	



## Eureka Acceleration Tool: Grade 6 Module 1, Topic A

To become mathematically proficient, students must access on-grade-level content. This document aims to help teachers who use the Eureka curriculum to target acceleration for students needing extra support before and during approaching on-grade-level work, creating opportunities

for on-time acceleration directly connected to the new learning. These tools support the diagnose and planning stages of the <u>Acceleration Cycle</u> and may be used to administer timely support for students within core math instruction and/or during a dedicated time set aside for acceleration. Consult <u>Accelerate: Louisiana's Pre-K-12 Tutoring Strategy</u> for additional guidance and resources on accelerating math learning through extra tutoring time.

#### **About this Topic**

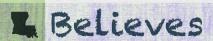
#### Focus Standard(s):

6.RP.A.1: Understand the concept of a ratio and use ratio language to describe a ratio relationship between two quantities. For example, "The ratio of wings to beaks in the bird house at the zoo was 2:1, because for every 2 wings there was 1 beak." "For every vote candidate A received, candidate C received nearly three votes."

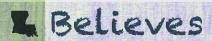
6.RP.A.3: Use ratio and rate reasoning to solve real-world and mathematical problems, e.g., by reasoning about tables of equivalent ratios, tape diagrams, double number line diagrams, or equations.

#### Topic Overview per the Eureka Curriculum

In Topic A, students are introduced to the concepts of ratios. Their previous experience solving problems involving multiplicative comparisons, such as Max has three times as many toy cars as Jack (4.OA.A.2), serves as the conceptual foundation for understanding ratios as a multiplicative comparison of two or more numbers used in quantities or measurements (6.RP.A.1). In the first two lessons, students develop fluidity in using multiple forms of ratio language and ratio notation as they read about or watch video clips about ratio relationships and then discuss and model the described relationships. Students are prompted to think of, describe, and model ratio relationships from their own experience. Similarly, Lessons 3 and 4 explore the idea of equivalent ratios. Students read about or watch video clips about situations that call for establishing an equivalent ratio. Students discuss and model the situations to solve simple problems of finding one or more equivalent ratios. The complexity of problems increases as students are challenged to find values of quantities in a ratio given the total desired quantity or given the difference between the two quantities. For example, If the ratio



	Grade 6 - Eureka Math		
Session Accelerates to these Grade-Level Lessons	Session Focus Topic:	Connected Grade-Level Standards.	Source Content and Foundational Standards
	Acceleration Tool Module 1 Topic A		
Module 1 Topic A & B Lessons  1-6	<ul> <li>use the area model and multiplication to show the equivalence of two fractions</li> <li>determine what fraction equal to 1 is used to</li> </ul>	6.RP.A.1, 6.RP.A.3	Grade 4 Module 5 - L7 Grade 5 Module 4 - L21
Module 1 Topic A & B Lessons  1-6 Exit Ticket	generate equivalent fractions		Foundational Standards: 4.NF.A.1, 5.NF.B.5
Module 1 Topic A Lessons 5-8	<ul> <li>solving two-step word problems including multiplicative comparison.</li> <li>Interpret a fraction as division</li> </ul>	6.RP.A.1, 6.RP.A.3	Grade 4 Module 3 - L11, 12, 13 Grade 5 Module 4 -L2, 3, 4
<u>Module 1 Topic A</u> <u>Lessons 5-8 Exit Ticket</u>	<ul> <li>find the value of a fraction</li> <li>write a fraction as a decimal</li> </ul>	O.III.A.1, O.III.A.3	Foundational Standards: 4.OA.A.2, 5.NF.B.3



#### LOUISIANA DEPARTMENT OF EDUCATION



Accelerate to:
Grade 5 Module 1
Lessons 5-8

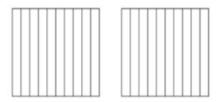
# **Accelerate Math Updates: Tutoring Exit Tickets**



Grade 5 Module 1 Topics B-C, Lessons 5-8
Tutoring Exit Ticket

Ryan says that 0.6 is less than 0.60 because it has fewer digits. Jessie says that 0.6 is greater than 0.60. Are either
of them correct? If so, who? How do you know? Use the area models below to help explain your answer.

0.6 \_\_\_\_\_0.60



2. Use the symbols <, >, or = to compare.

a. 3.9 \_\_\_\_\_ 3.09



# **ASSISTments Partnership**

<u>ASSISTments</u> is a free math practice and assessment platform, compatible with Google Suites and Canvas, that supports the Department's <u>Accelerate Math Strategy</u> and streamlines the Accelerate cycle. Teachers can assign all of the <u>Accelerate Math Diagnostics and Tutoring Exit tickets</u> online and get immediate data to use when planning just-in-time supports and monitoring student progress.

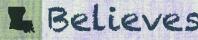
- Using ASSISTments to Accelerate Math Learning with Illustrative and Eureka Math
  - Tuesday, June 21 at 2:30 p.m.

# SUMMIT 2022

- Using ASSISTments to Accelerate Math Learning
- Foundations for Success: Using Formative Feedback from the ASSISTments Math Platform



Please contact <a href="mailto:STEM@la.gov">STEM@la.gov</a> with questions.





## **Acceleration Sessions at the Teacher Leader Summit**

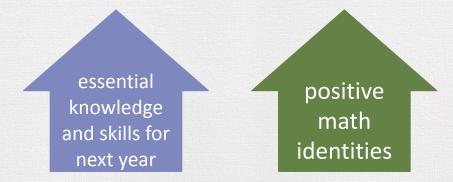
- Leveraging Illustrative Math Resources to Accelerate Math Learning
- Leveraging Jump Resources to Accelerate Math Learning
- Leveraging Ready Louisiana Mathematics Resources to Accelerate Math Learning
- Leveraging Ready Classroom Mathematics Resources to Accelerate Math Learning
- Leveraging Agile Mind Resources to Accelerate Math Learning
- Accelerate Learning with High-Quality Instructional Materials from Zearn Math
- Accelerate High School Math Learning with High-Quality Instructional Materials from Springboard
- Using Eureka Math Equip to Accelerate Math Learning

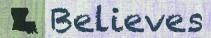


# **Math Summer Learning**

Math summer learning programs should include two core components:

- <u>high dosage tutoring</u> utilizing high-quality instructional materials for kindergarten through grade 8
- quality STEM programming that engages students in the joyful application of math connected to the real world and their daily lives



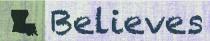


# **Accelerate Approach in ELA**



# **Acceleration Cycle in ELA**

- Diagnose unfinished learning by administering literacy screeners, high quality, curriculum-embedded diagnostics such as module diagnostic assessments, or reviewing collected classwork.
- Analyze data collected from the literacy screener, Student Skill Checklist, and samples of student work to select, sequence, and plan tutoring sessions that are tailored to student needs, utilizing the appropriate <u>resources</u>.
- **Utilize** tutoring sessions to **deliver** just-in-time supports through mini-lessons and activities that scaffold to the most immediate, directly connected grade level content students are learning in class or build knowledge and vocabulary.
- **Monitor** student progress on tasks embedded in the curriculum and student work from tutoring sessions. Use this information to inform next steps as the cycle continues.



# **ELA Kindergarten-Grade 2 Approach**

Using data from curriculum-embedded assessments and literacy screeners, teachers should:

- Provide explicit phonics and phonemic awareness instruction.
- Make explicit connections to content students are currently learning.
- Focus on reading, understanding, and expressing understanding of text.

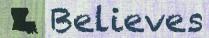




## **Accelerate ELA Resources: K-2**

### Accelerate ELA K-2 resources include:

- Forty-five 30 minute Foundational Skills Lessons for Kindergarten and First Grade
- Forty 30 minute Foundational Skills Lessons in Second Grade
- Twenty 30 minute Knowledge Building Lessons in grades Kindergarten and First
- Thirty 30 minute Knowledge Building Lessons in Second Grade.
- Best Practices for Embedding Foundational Skills and Language Standards in the Writing Activities of the K-2 Accelerate ELA Knowledge Lessons



# Accelerate ELA Grades K-2 2021-2022

## Accelerate ELA K-2 resources:

#### Accelerate Tutoring Resources for K-2 ELA

Foundational Skills Tutoring Lessons				
Kindergarten	First	Second		
Lessons 1-20	Lessons 1-20	Lessons 1-20		
Lessons 21-25	Lessons 21-25	Lessons 21-25		
Lessons 26-30	Lessons 26-30	Lessons 26-30		
Lessons 31-35	Lessons 31-35	Lessons 31-35		
Lessons 36-40	Lessons 36-40	Lessons 36-40		

Kindergarten Knowledge Tutoring Lessons				
Text Titles Unit Topic and Suggested Time of Year for Acceleration				
"Bear, Gull, and Crow"	Native Americans, Mid-year			
"The Lenape: The People of the Seasons"	Native Americans, Mid-year			
"Native Americans Today"	Native Americans, Mid-Year			
More lessons and text titles to be released on a rolling basis.				

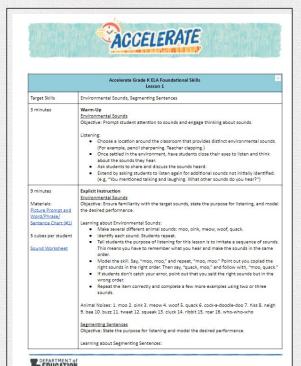




# **Accelerate ELA Update: K-2 Foundational Skills**

#### Accelerate ELA K-2 Foundational Skills Lessons:

- Warm-Up activities consists of phonological awareness or letter sound reviews.
- Explicit sound instruction includes targeted chaining and dictation in which tutors can receive real-time formative instructional data.
- Application consists of the progression of fluency passages, sound sorts, comprehension and writing through guided practice, partner work, and independent work.



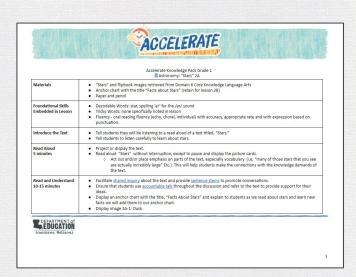


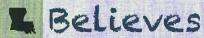


# Accelerate ELA: K-2 Knowledge Building

### Accelerate ELA K-2 Knowledge Building Lessons:

- Multiple read-alouds/close reads from CKLA;
- Text dependent questions;
- Note taking and graphic organizers;
- Sentence level work
- Vocabulary work;
- Discussion; and
- Writing (shared and independent)

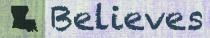




## **Accelerate ELA Summer: Grades K-10**

- 20 Skills Lessons for Summer for Entering Kindergarten Students
- 20 Skills Lessons for Summer for Entering First Grade Students
- 20 Skills Lessons for Summer for Entering Second Grade Students
- 20 Knowledge Lessons for Kindergarten Students
- 20 Knowledge Lessons for First Grade Students
- 20 Knowledge Lessons for Second Grade Students
- Guidance for Teaching the Untaught Fifth Guidebook Unit for Grades 3-10 along with graphic organizers for Writing the CWTs.

For more information review the Summer Learning Accelerate ELA Materials.

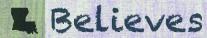


# **ELA Grades 3-10 Approach**

The approach for grades 3 through 10 focuses on supporting students in accessing the features of complex, current grade-level texts by building knowledge, vocabulary, or foundational skills.

In addition to the supports provided within the existing high quality curriculum, teachers should:

- Provide explicit, individualized decoding and foundational skills support in grades 3-5.
- Provide knowledge building support in grades 3-10.





# **Accelerate ELA Resources: Grades 3-10**

### Accelerate ELA Grades 3-10 resources include:

- Four additional knowledge-building texts for each of the five ELA Guidebooks units (2018) in grades 3-5
- Four additional knowledge-building texts for each of the five ELA Guidebooks units (2018) in grades 6-8
- Five additional knowledge-building texts for each of the four ELA Guidebooks (2020) units in grades 9-10;
- Student-ready tutoring materials with seven lessons for each text; and
- Teacher-ready guidance for each lesson including exemplar responses



# **Accelerate ELA Update: Grades 3-10**

Set of 7 studentfacing lessons

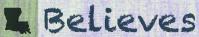
Teacher notes and exemplars

Unit alignment guidance

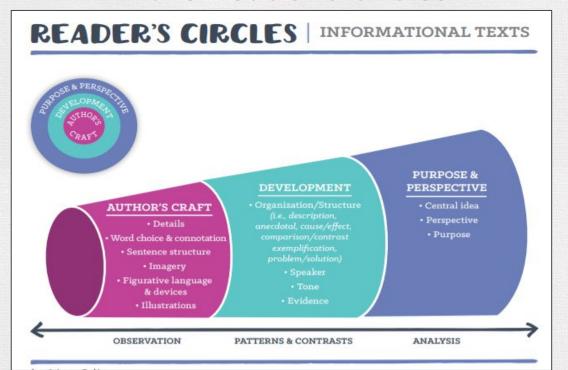
#### Grade 6 Unit, steve Jobs

Text Title and Student Copy	Text Title and Teacher Copy	Guidance for When to Teach
"Lessons from Failure: Why We Try, Try Again"	"Lessons from Failure: Why We Try, Try Again"	Students would benefit from reading this text before beginning the unit. This text provides information on how failure impacts the brain, which could help students understand how some people persevere in the face of failure.

<sup>\*</sup>Districts implementing ELA Guidebooks 3-5 (2022) will need to evaluate text topics and lessons to determine the appropriate time frame to teach each text.



# Lessons 3-7 Cycle through the Lenses of the Reader's Circles





# **Targeted Writing Practice**

Lessons offer opportunities for specific writing practice on the following skills and more:

- Creating complex and varied sentence structures
- Forming claims
- Writing topic sentences
- Selecting relevant evidence
- Embedding and citing text evidence
- Developing quality paragraphs to text-dependent prompts
- Practice with figurative language





# **Table of Contents as Menu of Learning Options**

#### **Table of Contents**

Grade: 5 Unit: The Making of a Scientist

Text Title: Michael Jordan: A Profile in Failure

Text Author: Jeff Stibel
Text Genre: Biography

**Text Overview:** "Michael Jordan: A Profile in Failure" is an biographical sketch about the successes and failures that made Michael Jordan the person and superstar he is today.

Lesson 1: Close Reading, Annotate, and Sensational Six Journal (Vocabulary)

Lesson 2: Rolling Knowledge Journal and Summary

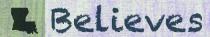
Lesson 3: Fluency, Observation, Inference, Transition Word Sentences

Lesson 4: Fluency, Vocabulary, Word Choice and Connotation

Lesson 5: Fluency, Central Idea, Supporting Details, Evidence-Based Paragraph Writing

Lesson 6: Fluency, Cause and Effect, Conjunctions

Lesson 7: Fluency, Figurative Language, Introductory Clauses



# **Accelerate ELA 3-10 Resource Availability**

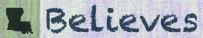
So far we have released the following <u>Accelerate</u> <u>ELA Resources</u>:

- 70 Knowledge Building Lessons for Grade 3
- 112 Knowledge Building Lessons for Grade 4
- 63 Knowledge Building Lessons for Grade 5
- 49 Knowledge Building Lessons for Grade 6
- 140 Knowledge Building Lessons for Grade 7
- 56 Knowledge Building Lessons for Grade 8
- 56 Knowledge Building Lessons for Grade 9
- 63 Knowledge Building Lessons for Grade 10



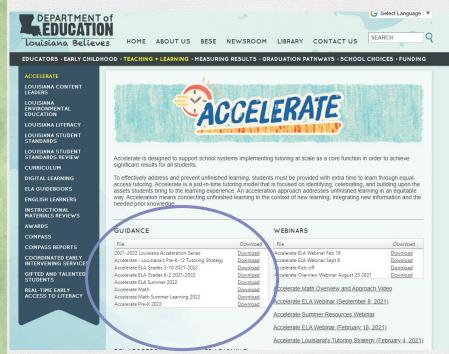
Grade 3	Unit: Stories	Iulian	Tells

Text Title and Student Copy	Text Title and Teacher Copy	Guidance for When to Teach
"Athena and the Dandelions"	"Athena and the Dandelions"	This should be the first or second text used in this unit. This text supports students in the knowledge and skills (central message) from section 2 (lesson 7 and 8) and section 4 (lesson 17).
<u>"Meet Hannah Wynne: Teen Storyteller"</u>	"Meet Hannah Wynne: Teen Storyteller"	This should be taught before or with section 3 of the unit. This text practices understanding and using text features when reading a nonfiction text.
"Too Many Vegetables"	"Too Many Vegetables"	This would be best taught with sections 6 and 7. Students can practice answering questions in complete sentences, sequence of events and brainstorming story



# **Accessing ELA Accelerate Resources**

Access the Accelerate ELA Resources for grades K-10 on the Louisiana Believes site.





Accelerate ELA Tutoring Resources Guidance for Grades 3-10

#### What is Accelerate?

Accelerate is designed to support school systems implementing tutoring at scale as a core function in order to achieve significant results for all students.

To effectively address and prevent unfinished learning, students must be provided with extra time to learn through equal-access tutoring. Accelerate is a just-in-time tutoring model that is focused on identifying, celebrating, and building upon the assets students bring to the learning experience. An acceleration approach addresses unfinished learning in an equitable way. Acceleration means connecting unfinished learning in the context of new learning, integrating new information, and providing the needed prior knowledge.



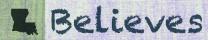
#### Accelerate ELA Tutoring Resources Guidance for Kindergarten through Second Grade

#### What is Accelerate?

Accelerate is designed to support school systems implementing tutoring at scale as a core function in order to achieve significant results for all students.

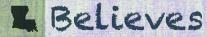
To effectively address and prevent unfinished learning, students must be provided with extra time to learn through equal-access tutoring. Accelerate is a just-in-time tutoring model that is focused on identifying, celebrating, and building upon the assets students bring to the learning experience. An acceleration approach addresses unfinished learning in an equitable way. Acceleration means connecting unfinished learning in the context of new learning, integrating new information and the needed prior knowledge.

To accelerate mastery of ELA standards by K-2 students, teachers must continue to use high-quality curricula to focus on reading, understanding, and expressing understanding of text.



# How can these resources be used in districts that do not use ELA Guidebooks?

/	Examine the texts and their topics or themes.
<b>V</b>	Look for overlap with high quality ELA curriculum.
V	Look for overlap with science or social studies curriculum.
<b>V</b>	Recognize that the lessons are teaching and providing practice with standards-aligned vocabulary.
<b>V</b>	Provide opportunities for very strategic practice with reading and with writing.



# **Future Development**

During the 2022-2023 School Year we are planning to making the following additions to ELA Accelerate:

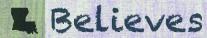
- 20 foundational lessons for summer learning for 2nd Grade (entering 3rd)
- Foundational Skills Supplements to the lessons for grade 6-8
- Research Simulation-like practice lessons for grades 3-10.

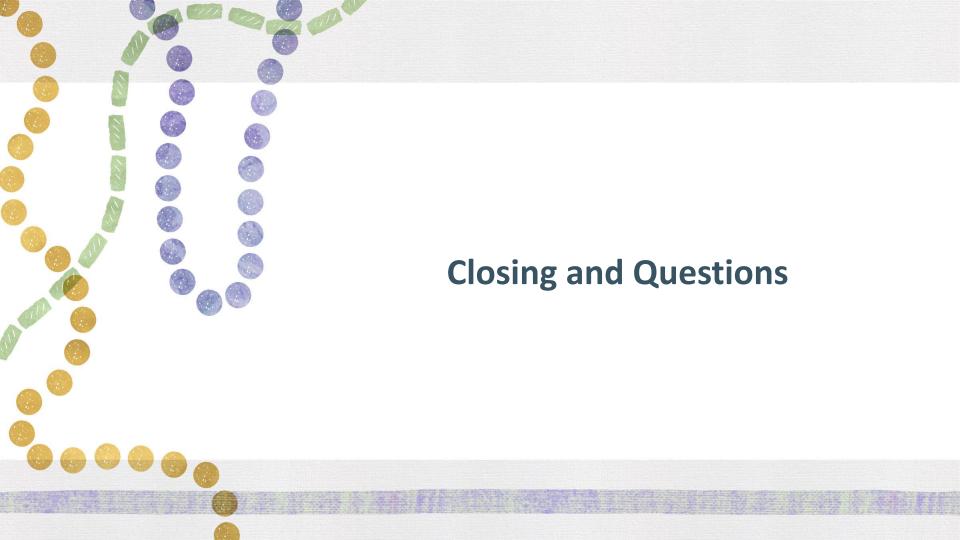




# **Next Steps**

- Complete this <u>survey</u> to provide us with feedback on the 2021-2022 ELA Accelerate resources, so we can continue to improve them.
- Attend Teacher Leader Summit and participate in one of the following sessions:
  - Accelerate ELA: System Implementation (Leaders)
  - Accelerate ELA: Tools and Materials Deep Dive (Teachers & Leaders)





## **Contact**

For questions or suggestions, please reach out to <u>STEM@la.gov</u> or <u>ELAGuidebooks@la.gov</u>.

