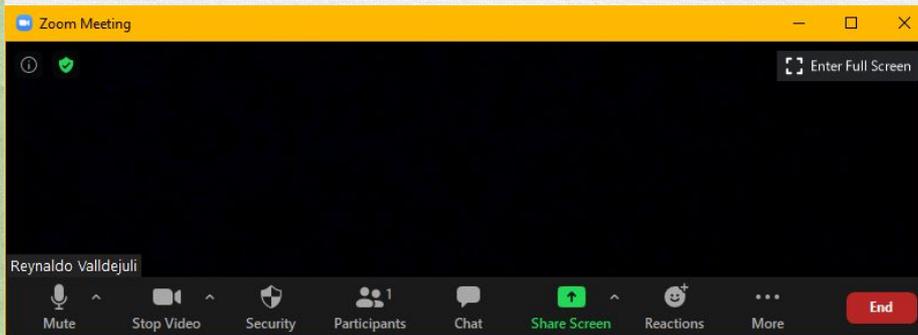# Zoom Meeting Preparation

- Please make sure your phone or computer is muted to minimize background noise.
  - To do this, hover over the bottom left-hand side of your screen and click "Mute."
- Please make sure you have turned off your camera to save bandwidth and prevent any connectivity issues.
  - To do this, hover over the bottom left-hand side of your screen and click "Stop Video."
- Please submit questions during the presentation in the "Chat" function located on the bottom of your screen.

NOTICE: In accordance with the Americans with Disabilities Act, if you need special assistance at this meeting please contact ldoecommunications@la.gov.
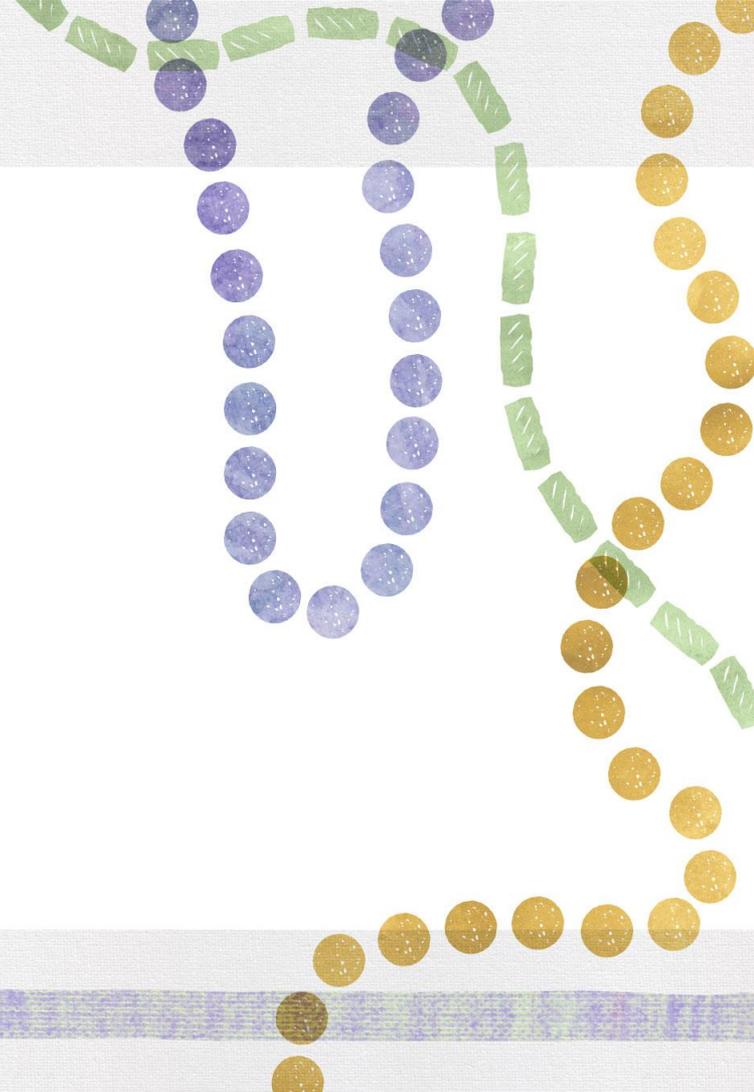
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Academic
Summer Learning Guidance
February 2, 2022

Agenda

I. From Summer *School* to Summer *Learning*
II. English language arts
III. Math
IV. Science
V. STEM
VI. Closing and Questions

Summer Learning

Summer Learning Purpose

Summer learning programs (SLPs) are designed to provide students with additional opportunities for learning and growing during the summer months. Systems should strive to create opportunities for all students to access a summer learning program.

Programs should have at least 3 hours of academics each day, including ELA and math tutoring and STEM learning focused on real-world applications of knowledge and skills.
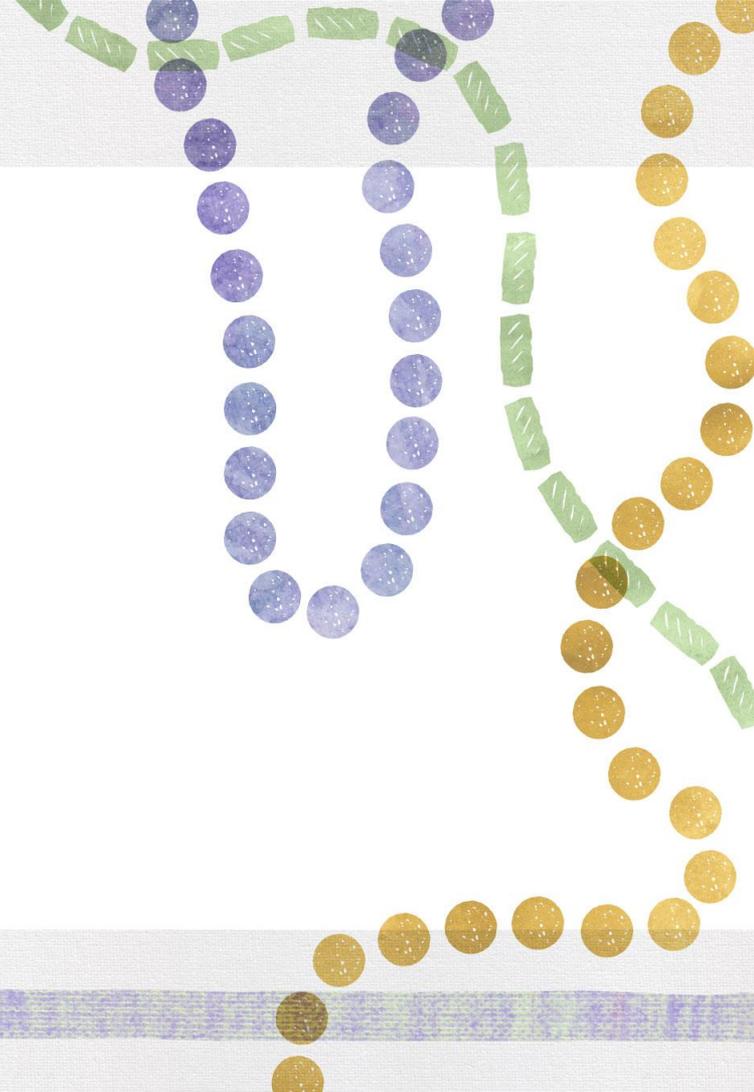
Accelerating Learning

Accelerating learning is a cyclical instructional approach that connects unfinished learning in the context of new grade-level learning utilizing high quality materials to provide just in time supports based on student needs throughout a variety of flexible instructional settings and groupings (whole group, small group, or individual).
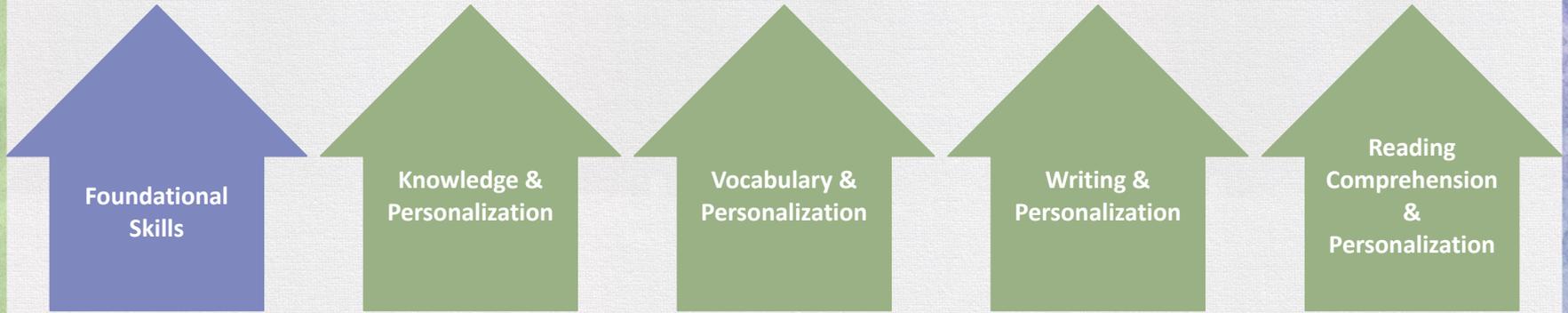
Summer acceleration must focus on building students'

- readiness to engage with grade level content alongside peers in the year ahead; and
- sense of confidence, belonging, and joy.

English Language Arts

Literacy Accelerators

Foundational Skills

Knowledge & Personalization

Vocabulary & Personalization

Writing & Personalization

Reading Comprehension & Personalization

Reading as Liberation—An Examination of the Research Base How Equity, Acceleration, and Personalization Improve Student Learning February 2021

Materials Matter

Consider the following when selecting materials for ELA.

- Choose high-quality instructional materials in which teachers have been trained and are familiar.

- Review guidance provided by high-quality curriculum vendors.

- Review Summer Learning Accelerate ELA materials.

Summer Learning Accelerate Materials

- Twenty 30-minute Foundational Skills Lessons based on Core Knowledge Language Arts© for students entering Kindergarten, entering 1st grade, and entering 2nd grade. In Accelerate, they are listed as **Rising Kindergarten**, **Rising 1st**, and **Rising 2nd grades**.

- 20 Knowledge and Close Reading Lessons for students exiting Kindergarten (Rising 1st grade), exiting 1st Grade (Rising 2nd grade), and exiting 2nd grade (Rising 3rd grade) based on the ELA Guidebooks 2014 units Chrysanthemum (K), Frogs (1), and Cinderella (2).

- Guidance on how to scale down the fifth ELA Guidebooks 3-8 (2018) or ELA Guidebooks 9-10 (2020) unit to 20 one-hour lessons for Grades 3-10.

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K-2 Summer Learning Accelerate

Materials Overview by Grade Level	
Rising Kindergarten	Foundational Skills: 20 lessons, one lesson per day, 30 minutes
Rising 1st Grade	Foundational Skills: 20 lessons, one lesson per day, 30 minutes
	Grade Knowledge Building: Chrysanthemum Unit from ELA Guidebooks K-2 (2014), 20 lessons, one lesson per day, 30 minutes
Rising 2nd Grade	Foundational Skills: 20 lessons, one lesson per day, 30 minutes
	Rising 2nd Grade Knowledge Building: Frogs Unit from ELA Guidebooks K-2 (2014), 20 lessons, one lesson per day, 30 minutes

K-2 Foundational Skills Materials

Structure of Foundational Skills Lessons	
5 mins	Warm Up (Phonological Awareness or Blending and Segmenting)
5-10 mins	Explicit Teaching (Sound and Spelling)
15-20 mins	One Activity/Game each day
Guidance is provided for how to convert these lessons to virtual instruction.	
Example activities: phonemic awareness activities, chaining exercises, and various word games/activities.	

K-2 Knowledge Lessons Materials

Structure of Knowledge Lessons Provided for Rising Grades 1-3 (Exiting K-2)
Lessons are centered around multiple read-alouds and close reads for texts from ELA Guidebooks K-2 (2014).
Standards-based guiding question **for the selected text as a whole**
Multiple Readings - Each text will be taught for multiple days. Text selections will be from Guidebooks 1.0 text sets. ● Daily read-aloud of all or part of text. ● Close read of selected portions of text.
Standards-based guiding question for **today's close-reading excerpts.**
Vocabulary Study will vary by unit: Interactive Word Wall, Shared Class Dictionary, etc.
Student-centered discussion of text - Consider including turn and talk with partners as well as whole-group discussions.
Close reading activity will include some aspect of writing
Review of today's learning and connect back to text's Guiding Question
Guidance for how to convert these lessons to virtual instruction

Grades 3-11 ELA Summer Learning Accelerate

3-10 Materials Overview by Grade Level
Rising 3rd Grade: **Cinderella** Unit from the **2nd Grade** ELA Guidebooks K-2 (2014) unit
Rising 4th Grade: scaled-down version of the fifth, untaught **3rd Grade** ELA Guidebooks 3-8 (2018) unit
Rising 5th Grade: scaled-down version of the fifth, untaught **4th Grade** ELA Guidebooks 3-8 (2018) unit
Rising 6th Grade: scaled-down version of the fifth, untaught **5th Grade** ELA Guidebooks 3-8 (2018) unit
Rising 7th Grade: scaled-down version of the fifth, untaught **6th Grade** ELA Guidebooks 3-8 (2018) unit
Rising 8th Grade: scaled-down version of the fifth, untaught **7th Grade** ELA Guidebooks 3-8 (2018) unit
Rising 9th Grade: scaled-down version of the fifth, untaught **8th Grade** ELA Guidebooks 3-8 (2018) unit
Rising 10th Grade: scaled-down version of the fifth, untaught **9th grade** ELA Guidebooks 9-10 (2020) unit
Rising 11th Grade: scaled-down version of the fifth, untaught **10th grade** ELA Guidebooks 9-10 (2020) unit
Teachers should also utilize the Language Tasks (Mentor Sentences) and Language Links (TWR) in the grades for which they are available to support student writing.

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Foundational Skills for Rising Grades 3-5

Some schools will have ELA blocks that will last for 90 minutes.

Students in Rising Grades 3 through 5 might be missing some critical foundational skills in reading.

For these students, consider using the Foundational Supports that were built to align with the Guidebooks Units for Grades 3-5.

- Begin with the Foundational Skills Checklist as a diagnostic tool.

- In small group settings, teach students with appropriate skills to meet their needs.
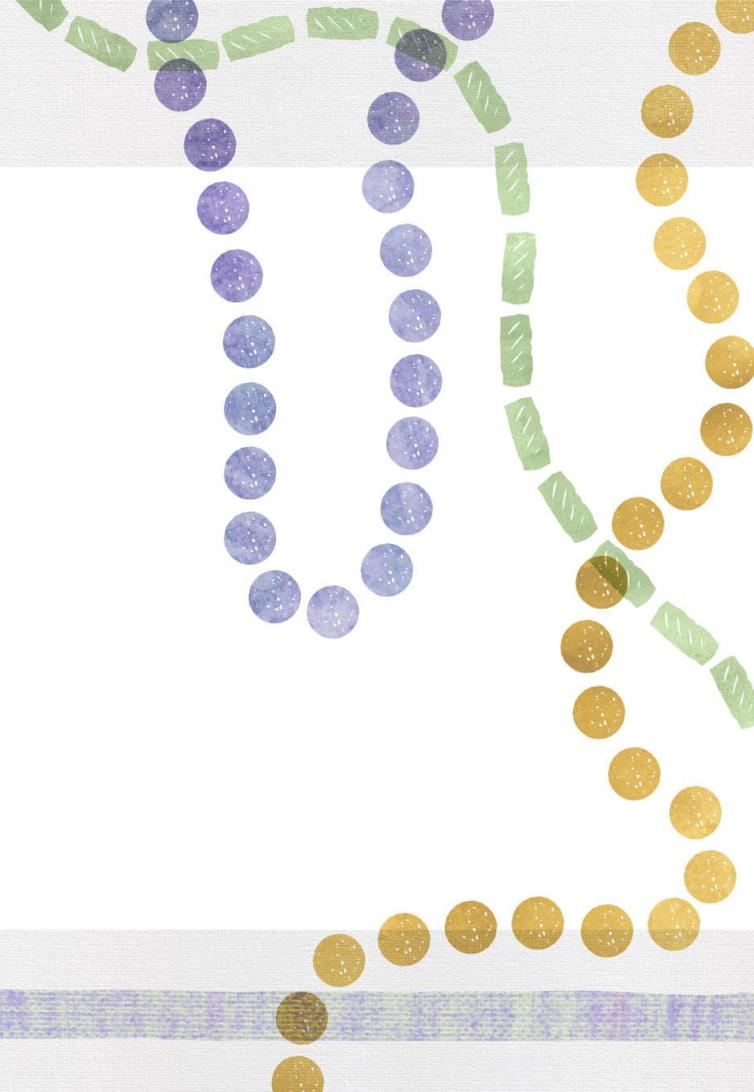
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Unit Planning Guidance and Summer Learning Scope and Sequences for Rising Grades 4-11

The first 17 lessons should focus on reading priority unit text(s):

- Choose priority text(s) for answering the Culminating Writing Task

- Divide reading of priority unit texts over 17 days

- Plan for students to collect necessary knowledge on graphic organizer(s) over these 17 reading lessons to use on the CWT

- Select passages for close reading

The final three summer learning lessons will be used for planning, modeling, shared writing, and independent writing of the Culminating Writing Task.
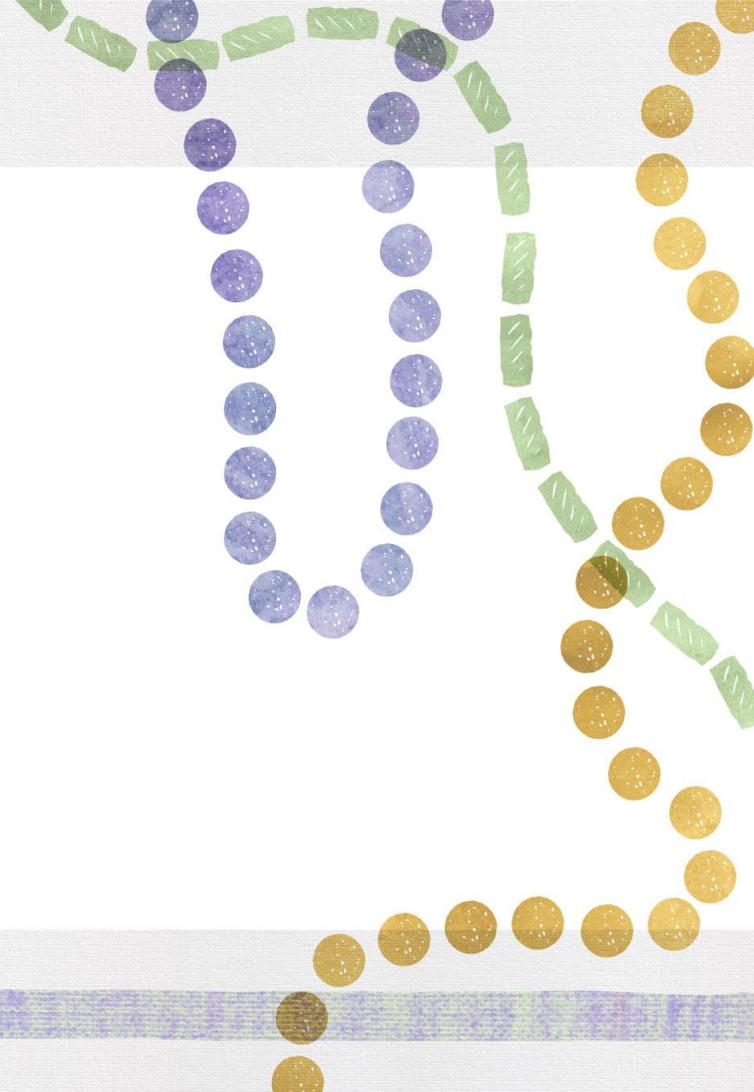
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Math, Science, and STEM

STEM

STEM includes the core disciplines of math and science as well as the meaningful integration of these disciplines with technology and engineering.
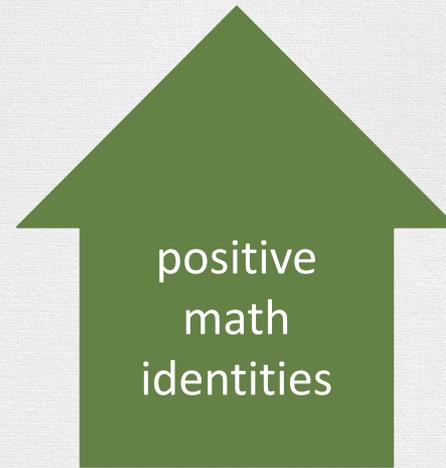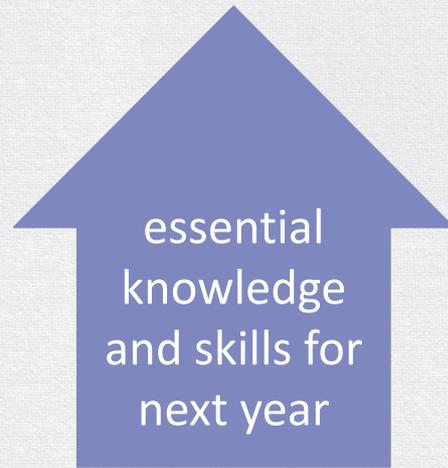
- **Science** refers to both the body of knowledge that explains our natural world as well as the practices we engage in to build this knowledge.
- **Technology** is any human-designed tool or process that solves a problem.
- **Engineering** is a body of knowledge about the design and creation of technology as well as the process and practices we engage in to solve problems.
- **Mathematics** is the study of patterns and relationships among quantities, numbers, and space, including logical arguments and claims.
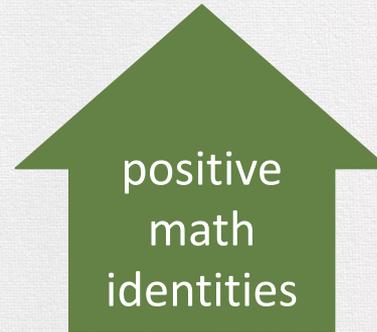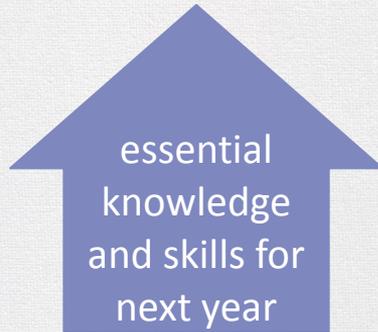
National Research Council, 2014

Math

Summer Math Accelerators

essential knowledge and skills for next year

positive math identities

Math Summer Learning

Math summer learning programs should include two core components:

- **high dosage tutoring** utilizing Zearn Math's Summer Intensive Series 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

essential knowledge and skills for next year

positive math identities

Believes

Math Summer Learning Partnership with Zearn

Systems implementing summer learning programs for math should make use of Zearn Math's Summer Intensive Series, or comparable high-quality instructional materials designed to accelerate math summer learning.

✓ 4-6 week summer sequence
✓ for rising 1st through rising 8th graders
✓ **high-quality (Tier 1) materials**
✓ carefully designed to build **essential knowledge and skills** for upcoming school year
✓ **aligned** to all core pillars of Accelerate: Louisiana's Pre-K through High School Tutoring Strategy

Math Summer Learning Partnership with Zearn

[Learning Acceleration with Zearn Math](#) will prepare leaders and teachers for effective implementation of math acceleration as part of a summer program.

Key Details:

- $200 per participant
- Registration closes March 9
- Sessions occur mid March through April

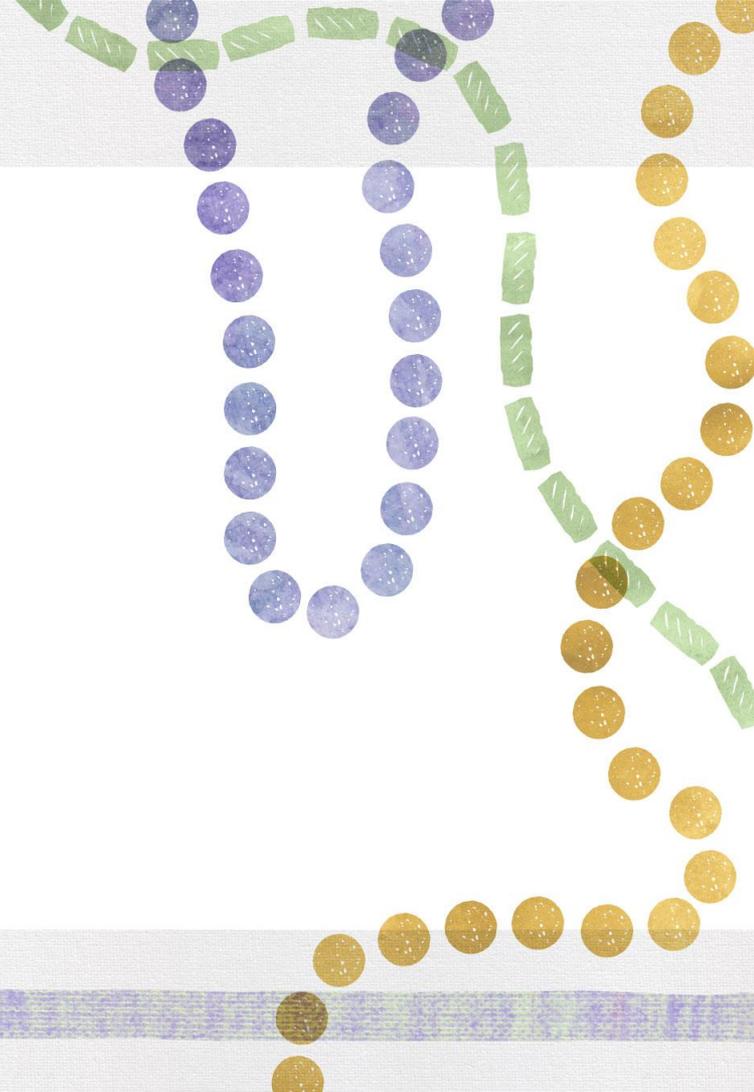| Virtual Professional Learning Dates (3 hour sessions)	
March 16 at 8 a.m.	April 7 at 5 p.m.
March 24 at 2 p.m.	April 11 at 10 a.m.
March 28 at 4 p.m	April 13 at 3 p.m.
March 30 at 9 a.m.	April 19 at 8 a.m.
April 5 at noon	April 21 at 4 p.m.

Systems should register at least 2 staff per CIR/UIR-A school.

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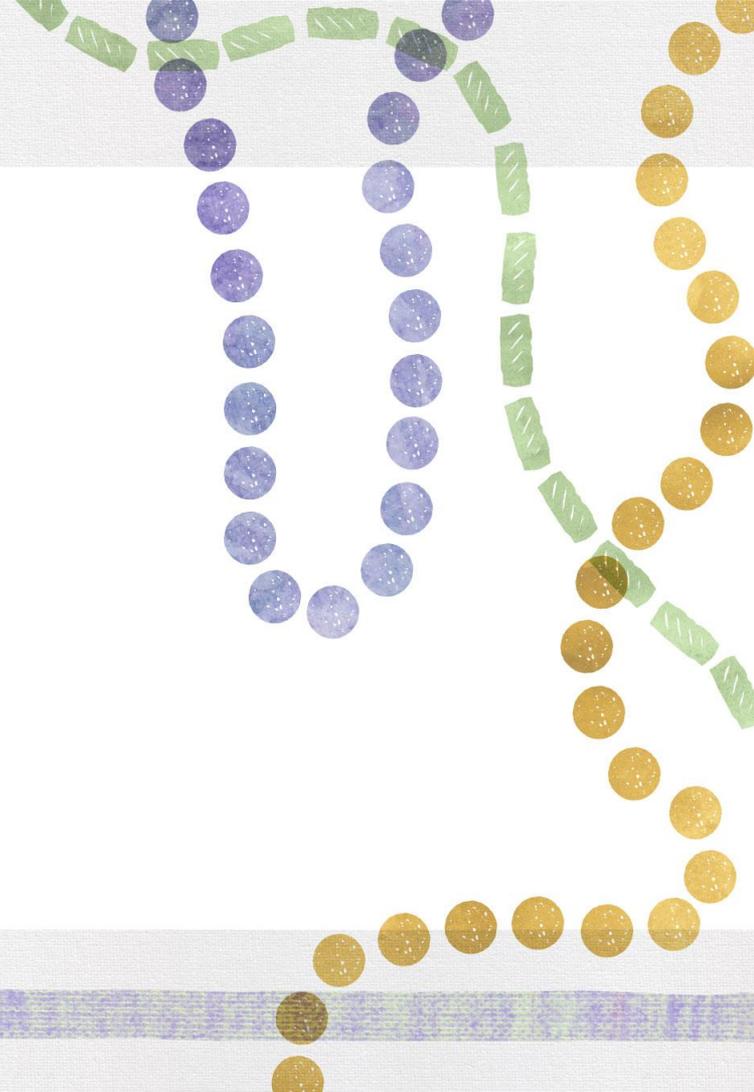| Sample Grades 6-8 Daily Schedule		
Time	**Activity**	**Description**
8:00-8:30	Arrival and Breakfast	Students transition into classrooms and/or breakfast. Classrooms include independent activities.
8:30-10:00	English language arts and Literacy Block	Students participate in whole-class knowledge-building, text-centered lessons from the class unit and rotate through small group time for literacy support.
10:00-12:00	Math Tutoring and STEM Block	Students rotate through 3 learning stations: Zearn Accelerated learning on the computer, small-group time with teacher, and STEM challenge.
12:00-12:30	Lunch	Students eat lunch.
12:30-1:00	Outside Play	Students play organized sports and participate in outside activities.
1:00-1:30	Well-being	Students participate in activities from the school's Social and Emotional Learning Program or other well-being activities.
1:30-2:30	Arts Block	Students participate in visual art, dance, theatre, culinary, band, choir, or music class. Students could participate in a different art each day or week.
2:30-3:15	PE	Students participate in physical education or health activities.
3:15-4:00	Daily Huddle	Students participate in a team building/closing activity for the day.
4:00-5:00	Choice Activities/ Dismissal	Students pack belongings and dismissal transition occurs. Students participate in independent or group activities until families arrive to check students out.

Science

Science Summer Learning

For science, summer learning programs should accelerate learning by making use of units or lessons sets from the high-quality curriculum that students were not able to engage with during the prior year.

Additionally, and particularly in cases in which students experienced the full curriculum, programs should offer quality STEM programming with strong science standards alignment.

Consider quality resources such as the Design Badge Units, which complement robust **three-dimensional science learning** that took place in the regular school year.

STEM

Summer STEM Learning

STEM should leverage integrated learning across disciplines through student-centered investigation and design experiences that

- are connected to the real world;
- hold relevance to students' daily lives;
- inspire engagement and joy;
- build confidence and belonging; and
- cultivate key competencies necessary to persist and succeed, not only in STEM disciplines, but in life.

Summer STEM Resources

Program name/Description	Suggested grade levels	Professional learning available	Costs associated for access	Easily obtainable supplies needed	Pre-packaged kits available
STEM NOLA's Nola@Home activities are quick and easy ideas to engage students in STEM activities that can bridge the gap between SLP's and encourage **family engagement**. Spanish versions of each activity are also available.	K-12	Yes, contact info@stemnola.com for more information.	☐	☑	☑
Sprocket, a portal housing project-based learning courses , includes several units per grade level in each along with lesson plans, slides, and student facing materials to implement within the classroom. Lesson sets and lessons are built upon a driving question to engage students in **three-dimensional learning** and the **engineering design process**. Although designed as year-long curricula, SLPs could leverage one unit per grade level to engage students in meaningful and equitable STEM experiences. In elementary grades, Unit 2:Toys, and middle school, Unit 1: Energy, are examples of units that may stand alone with strong connections to science standards and coherence.	3-8		☐	☑	☐
The NSTA Daily Do series has single **lessons based on phenomena** such as "What Is a Problem You Want to Design Solutions For?" , which may be used as a springboard for other projects or as an introduction to additional lessons as part of a designed sequence that drives student inquiry through the science and engineering practices. Lessons are divided into elementary, middle, and high school grade bands and can be adapted as needed. Playlists, available at each grade band, each include a series of two or more lessons that may be used to study topics such as force and motion, thermal energy, water, and the digestive system.	K-12		☐	☑	☐

Believes

Leveraging Technology Integration

Do This ✔	Not That ✖
• collaborative, immersive experiences • leveraging technology to solve real world problems • students using technology for *creation* not *consumption* of content	• students working on computer skills in isolation • creating a slide deck on a specific topic • using technology as a substitution for pen and paper

Questions

- For questions regarding science, STEM or math resources, reach out to STEM@la.gov.

- For questions about ELA resources, contact elaguidebooks@la.gov.

- For questions about logistics, reach out to classroomsupporttoolbox@la.gov.