

OpenSciEd Pilot Purchasing and Professional Learning

This document provides schools and school systems an overview of OpenSciEd, information on purchasing materials and information about professional learning. Please send questions and feedback to STEM@la.gov.

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Overview of OpenSciEd

OpenSciEd is an effort among science educators, curriculum developers, teachers, and philanthropic foundations to produce robust, research-based, freely available instructional materials designed for college and career-ready science standards.

Field Testing and Release of Units

To increase access to high-quality science instructional materials aligned to the [Louisiana Student Standards for Science](#), Louisiana has partnered with OpenSciEd and nine other partner states to develop the first freely available high-quality science curriculum for grades K-8 and high school biology, chemistry and physics. After the initial development of the OpenSciEd units, the unit prototypes or **field test units** undergo rigorous external review and robust field testing in participating classrooms across partner states. The field test units are revised based on the feedback and data collected. The revised or complete units are submitted to NextGenScience Peer Review Panel and made freely and openly available to the public upon earning a quality rating. The materials then go through the LDOE's [Instructional Materials Review](#) process for additional assurance of alignment to the [Louisiana Student Standards for Science](#).

Elementary

OpenSciEd is developing engaging science materials for grades [Kindergarten through grade 5](#). Each grade level will have four units designed to align with the [Louisiana Student Standards for Science](#). Field testing for the K-5 materials began in the fall of 2023 and will continue through the spring of 2025.

Middle School

The [full middle school program](#) is now freely available for download on the OpenSciEd website or purchase through certified partners. Louisiana Guides to Implementing OpenSciEd for Grades 6, 7, and 8 provide guidance to assist educators with implementation and include sample scope and sequences. These guides are located on the [K-12 Science Resources web page](#).

High School

Development for a three-course high school sequence began in January 2021, and the full sequence is available now. Louisiana Guides to Piloting OpenSciEd Biology, Chemistry, and Physics provide guidance to assist educators with implementation and include sample scopes and sequences. These guides are located on the [K-12 Science Resources web page](#).

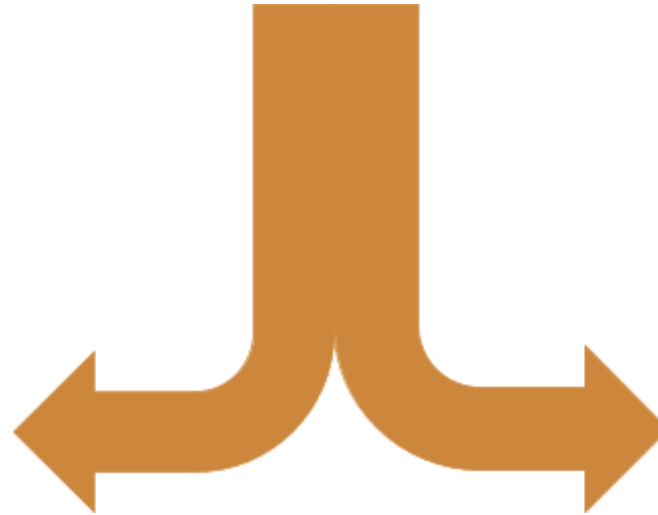
Contact

Systems interested in piloting should reach out to STEM@la.gov for direct support. For questions or requests for additional information on the OpenSciEd initiative and/or materials, contact info@openscienced.org.

Two Pathways To Adopting OpenSciEd For Middle School

OPEN EDUCATIONAL RESOURCE (OER)

Download the free instructional materials and contract with a partner for professional learning and kit materials.



CERTIFIED DISTRIBUTORS

Purchase fully packaged versions of the curriculum in one place.

Access the files for this **Tier 1 curriculum** by creating a free login on the [OpenSciEd website](#).

Obtain **kit materials and professional learning** from a **certified partner**.

Information on materials purchasing is available on the [Instructional Materials Review Library](#) under the heading “Instructional Materials Contract Pricing.”

Information on approved professional learning partners is available on the [LDOE Professional Learning Partner Guide](#).

Purchase **fully packaged Tier 1 certified versions** of OpenSciEd and the accompanying **professional learning** from one of the providers below:

Activate Learning

Carolina Biological

Information on materials purchasing is available on the [Instructional Materials Review Library](#) under the heading “Instructional Materials Contract Pricing.”

Information on professional learning services from each partner is available on the [LDOE Professional Learning Partner Guide](#).

OpenSciEd High School Professional Learning and Materials Purchasing

Access Unit Materials:

Educators piloting available OpenSciEd high school units may download the open-source digital files by creating a free login on the [OpenSciEd website](#).

Professional Learning:

OpenSciEd materials are freely accessible online; however, schools and systems are urged to ensure that all teachers participating in the pilot experience introductory and ongoing OpenSciEd professional learning. The following professional development providers are staffed with qualified facilitators who have received official training from OpenSciEd.

| OpenSciEd PL Provider | Contact Information |
|--|---|
| Activate Learning | Tracy Marmolejo; tmarmolejo@activatelearning.com |
| inquiryHub <i>*Led development for OpenSciEd High School and has shifted all capacity to OpenSciEd. Original inquiryHub materials will no longer have high-quality pilot status in Louisiana after Spring 2025.</i> | inquiryhub@colorado.edu |
| Instruction Partners | Jessica Henderson-Rockette jessica.henderson-rockette@instructionpartners.org |
| Michigan Math and Science Leadership Network (MMSLN) | Mary Starr; starrm@mimathandscience.org |
| OpenSciEd | Professional Learning Page ; Request a Quote |
| University of Texas at Austin Charles A. Dana Center | Shelly Ledoux; shelly.ledoux@austin.utexas.edu |

Print Materials:

Printed Teacher and Student Editions are available for purchase from [Kendall Hunt](#).

Kits: Laboratory Equipment and Other Scientific Supplies:

Kit materials can be sourced independently by systems using the materials lists for each unit or purchased from any certified provider. The LDOE currently has state contracts with three vendors: ECA, Aquaphoenix, and SASC LLC (Activate Learning). These appear on the [Instructional Materials Review Library Webpage](#) under “Instructional Materials Contract Pricing.”

OpenSciEd Elementary Pilot and Field Test

OpenSciEd Grades K-5 is in its second year as a high-quality pilot. Because official field testing and data collection are underway, access to these resources is limited to the systems already participating in the pilot for the 2024-2025 school year.

For information on joining the pilot in the spring or the 2025-2026 school year, please contact STEM@la.gov.