

To expand the Content Leader initiative, the Department will work with approved partners to design Science Content Modules and train Science Content Leaders.

### **Approach to High-Quality Science Curriculum**

Every student in Louisiana should have access to on-grade level instruction every day through high-quality science curriculum. To support this effort, Science Content Leader training will prepare participants to effectively implement high-quality curriculum that calls for students to:

- **apply content knowledge;**
- **investigate, evaluate, and reason scientifically; and**
- **connect ideas across disciplines.**

### **Science Content Leader Role**

Science Content Leaders are local educators who support the implementation of high-quality science curriculum by providing content- and curriculum-specific training to fellow teachers in their school or school system. Science Content Leaders are science educators who, through training, build and are prepared to share their expertise in providing effective instruction for all students.

1. Content Leader training builds deep knowledge of science content, content pedagogy, and curriculum.
2. Content Leaders develop an understanding of adult learning theory and necessary skills to facilitate high-quality learning experiences for their fellow educators.
3. Following training, Content Leaders are also given access to turn-key professional development materials which they have been trained to deliver.
4. Content Leaders will be prepared to lead other teachers to effectively plan for unit and lesson delivery.

Science Content Leaders will ensure their colleagues who teach science:

- deeply understand the Louisiana Student Standards for Science (LSSS) and associated shifts;
- apply content knowledge, investigate, evaluate, and reason scientifically;
- connect ideas across disciplines to the level of understanding expected of students as called for by the standards; and
- have a strong understanding of the science and engineering practices, disciplinary core ideas, and crosscutting concepts for the grade band.

### **Who Should Attend?**

- Science teachers who teach grades K-12

A list of approved training providers can be found within the [Mentor and Content Leader Approved Provider List](#).

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