



ADVISORY COUNCIL

October 18, 2017 | 10:00 a.m.

Welcome

- Susana Schowen, LaSTEM Advisory Council Co-Chair



Roll Call

- ❑ Vernon Dunn, LaSTEM Advisory Council Program Manager





FOR INSPIRATION & RECOGNITION OF SCIENCE & TECHNOLOGY

□ Carolyn Arthurs, FIRST Regional Director



LaSTEM Mission

- ❑ To coordinate and oversee the creation, delivery, and promotion of STEM education programs;
- ❑ To increase student interest and achievement in the fields of science, technology, engineering, and mathematics;
- ❑ To ensure the alignment of education, economic development, industry and workforce needs; and
- ❑ To increase the number of women who graduate from a postsecondary institution with a STEM degree or credential.



LaSTEM Vision

Create a STEM culture in Louisiana where all citizens are prepared to be successful in their daily lives and Louisiana is positioned as the go-to state for STEM talent.



LaSTEM Goals

- ❑ Create a **culture** that advances STEM excellence and promotes the value of STEM education
- ❑ Increase the **STEM literacy** of the population such that Louisianians have the ability to compete and excel in the global economy
- ❑ Support STEM-oriented **experiential learning** activities starting in early childhood and extending through adulthood
- ❑ Improve the size, alignment, level of mastery, and diversity of the **pipeline** of workers well-qualified for specific high-priority STEM jobs
- ❑ Expand **access** to high quality STEM education and employment opportunities for women, rural populations, under-represented communities and targeted populations
- ❑ Create a clear set of metrics and an **accountability** framework to ensure the success and sustainability of the Council's work



LaSTEM Goals

(1 of 2)

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LaSTEM Goals

(Continued, 2 of 2)

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The Work of the Council

- ❑ Determine short- and long-term outcomes to demonstrate progress and success
- ❑ Develop strategies and policies that move us toward success
- ❑ Establish an accountability framework and funding structure to ensure success and sustainability



The Work of the Council

- Determine short and long-term outcomes to demonstrate progress and success:
 - Identify the Vision
 - Identify the Goals
 - Define STEM
 - Define STEM Literacy
 - What does successful STEM literacy look like for different age groups?



Visionary Groups

Group 1: Early Childhood - Middle School

Group 2: High School - Postsecondary

Group 3: Lifelong Learner

Assignment

- React to Vision
- React to Goals
- Discussion

What does successful STEM literacy look like for different age groups?



Report Out

Group 1:

Early Childhood – Middle School

Group 2:

High School – Postsecondary

Group 3:

Lifelong Learner



Other Business

- ❑ Send feedback, suggestions and questions to lastem@regents.la.gov
- ❑ Next meeting: **Tuesday, November 28th at 10:00 a.m.**

Topics include:

- Vote and Finalize LaSTEM Vision Statement and LaSTEM Goals
- Updates from K-16 Workgroup
- Discuss STEM Definition, STEM Literacy Definition, Outcomes for STEM Literacy and Outcomes for STEM Pipeline



Educate

ELEVATE

Innovate

Louisiana

