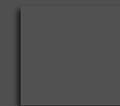


Louisiana Science Standards Review

November 6-7, 2016 Workgroup Meeting



Purpose of Meeting

Finalize the draft of Louisiana Student Standards for Science that will be presented to the Committee on November 10, 2016. This draft is being presented as the draft that will be released for public review.

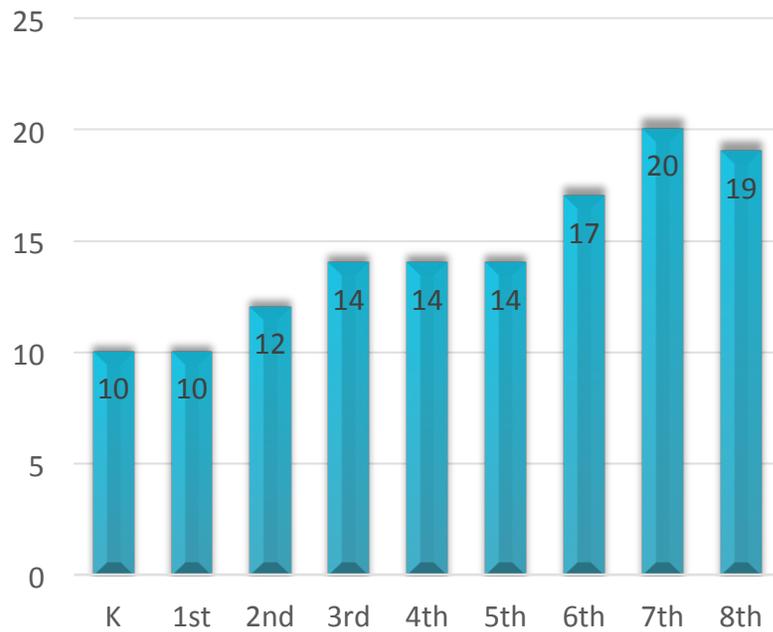
Both during and after the public review meeting, the workgroups will have time to make revisions as necessary. The committee may request that the workgroups address specific areas.

Schedule

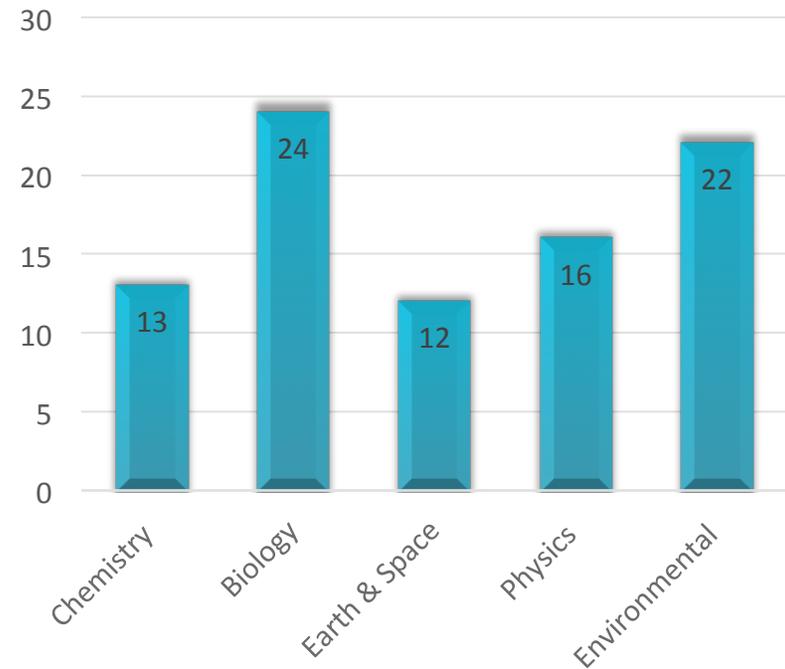
- Whole group discussion of overarching concerns
- Whole group discussion of every individual standard

Current State

Number of Performance Expectations by Grade Level



Number of Performance Expectations by Content Area



Resources

A number of resources have been provided:

- Vertical documents detailing DCIs K-12
- Vertical documents detailing the Science and Engineering Practices K-12
- Vertical documents detailing the Crosscutting Concepts K-12
- Comments from the Points for Discussion (filled out by the workgroups at the last meeting) document placed in the standards spreadsheets

Opening Points of Discussion

- Discuss concerns that involve multiple grade levels or content areas
- Discuss concerns that could not be placed in the standards spreadsheets due to a lack of clarity of which standard the concern was referring to

Standard by Standard Review

As a whole group, review standard by standard.

- Earth and Space Science (HS to Kindergarten)
- Environmental Science (HS)
- Physical Science, including Physics & Chemistry (HS to Kindergarten)
- Life Science (HS to Kindergarten)

Individualized Roles

To ensure that every detail is tended to, workgroup members will be given individualized responsibilities to check for on each standard. Every workgroup members is welcome to contribute to the discussion of any of the roles or content. The specialized roles are only for the purpose of ensuring a deliberate and most time efficient process.

SEP supports PE

SEP is word for word of SEP document

DCIs support PE

DCIs are word for word of DCI document

CC support PE

CC are word for word of DCI document

PE appropriately interweaves 3 dimensions

DCI vertical alignment experts

SEP vertical alignment experts

CC vertical alignment experts

Kentucky standard experts

Oklahoma standards experts

Coding expert

Clarification provides clarity but does not include boundaries

Framework of LSS for Science

Coding and Descriptor (example: 2-PS1-3 Matter and Its Interactions)

Performance Expectation: States what students should be able to do to demonstrate that they have met the standard. Performance expectations are built on the foundation of the science and engineering practices, disciplinary core ideas, and crosscutting concepts.

Clarification Statement: Provides examples or additional clarification of the performance expectation.

Science and Engineering Practices: Detail the behaviors that students should engage in that mimic those of scientists and engineers.

Disciplinary Core Ideas:
Describe the most essential ideas (content) in the major science disciplines.

Crosscutting Concepts:
Ideas that have applications across all areas of science.

Next Steps

- Encourage educators, parents, and stakeholders to participate in the public review
- Attend the workgroup meeting January 12-13 in Lafayette; logistics survey will be sent by December 1