

# K-12 Science and Healthful Living Standards Revision Updates

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# State Board Policy SCOS-012

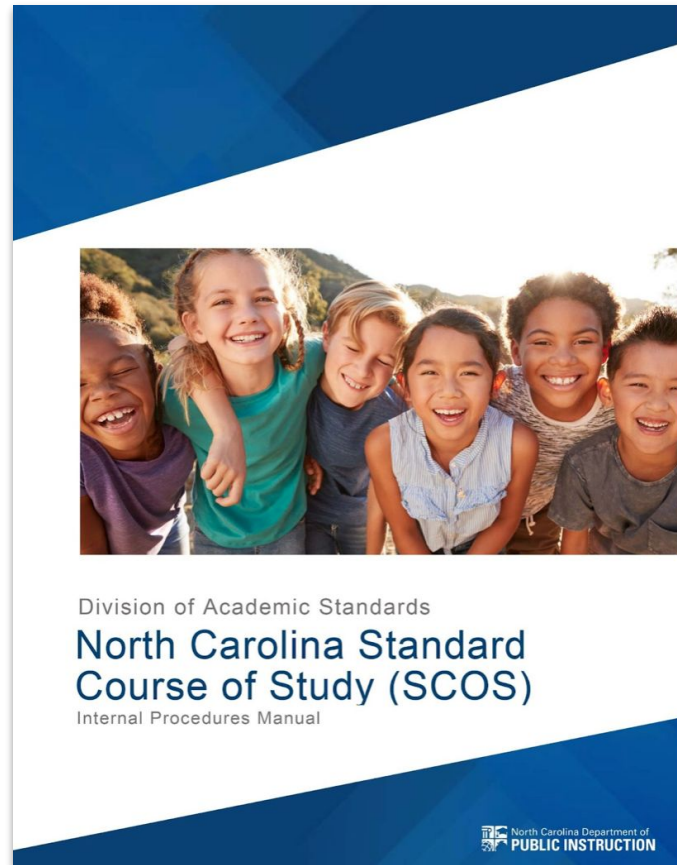
## State Board Policy SCOS-012

- NCDPI facilitates the review of each set of content standards every five-to-seven years to ensure clear, relevant standards and objectives.
- NCDPI uses a uniform and formalized system built on four guiding principles:
  - Feedback-based
  - Research-informed
  - Improvement-oriented
  - Process-driven



# Internal Procedures Manual

Pages 17-22



# K-12 Science Updates & Next Steps

## Completed Actions:

- ✓ Data Review Committee (DRC) completed review and analysis of feedback from Draft 1
- ✓ DRC report provided to the Standards Writing Team (SWT)
- ✓ SWT met in-person on February 6th to review the DRC recommendations and began editing/revising Draft 1 of the proposed standards
- ✓ Draft 2 of the proposed 2023 K-12 Science Standards was released for review by all stakeholders on Thursday, February 23

# Process from Draft 1 to Draft 2

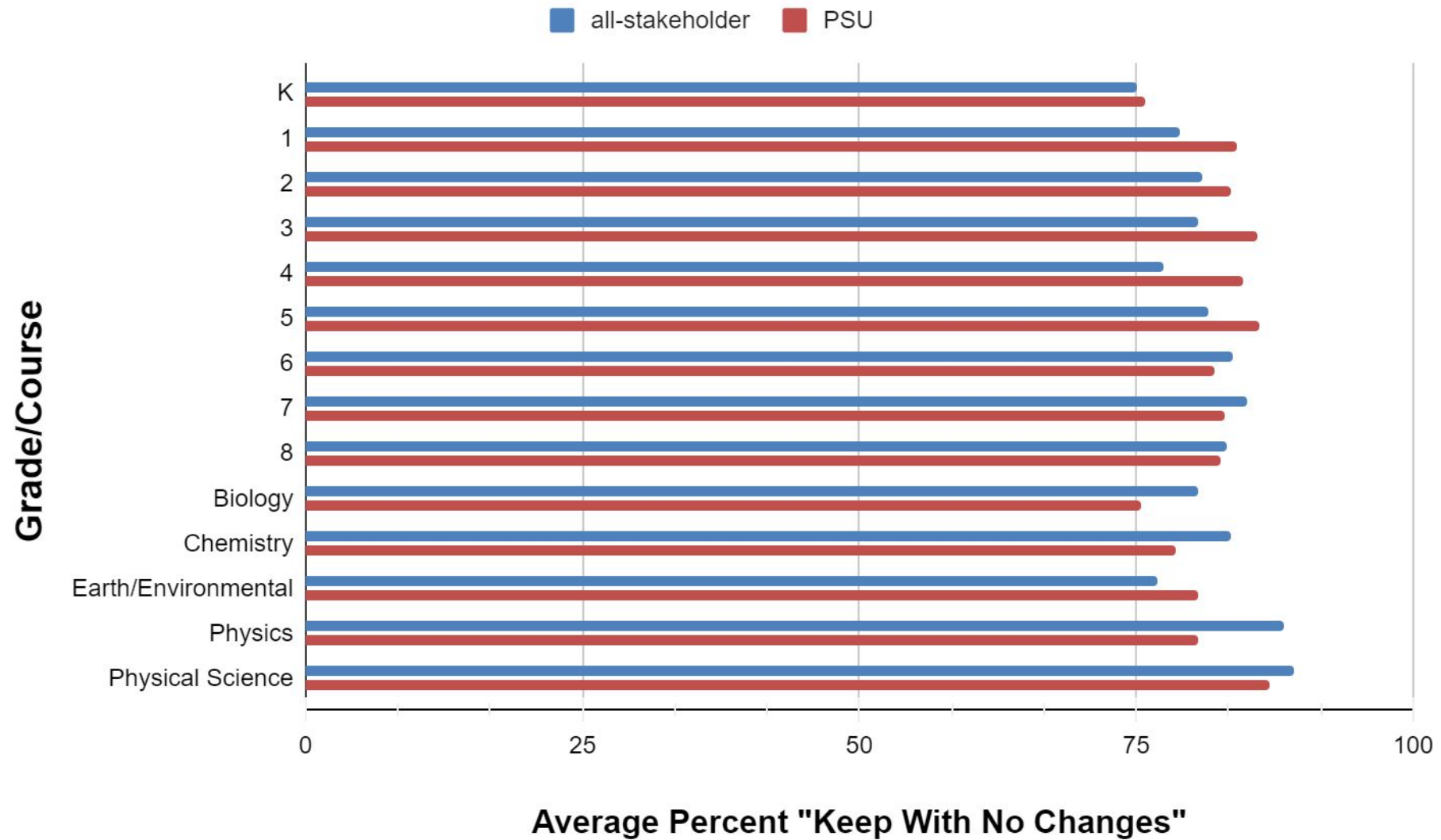
- Feedback was collected through an All-Stakeholder Survey and a PSU Survey (Nov-Dec 2022)
- Quantitative and qualitative feedback was reviewed by the Office of Learning Recovery
- DRC met (virtually) the last two weeks of January to complete a report with recommendations and conclusions
- SWT met Feb 6 to review the DRC Report and to start work on draft 2

# Draft 1 Data

## Feedback from PSU and All Stakeholder Survey:

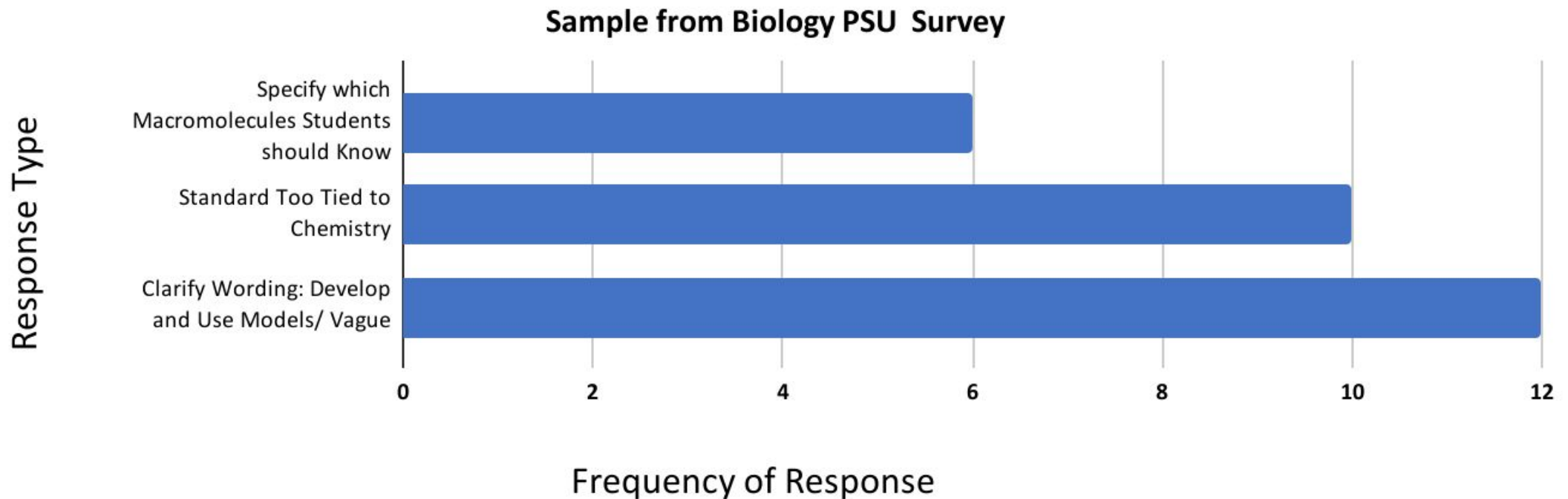
- 4,383 responses from the Draft 1 All-Stakeholder survey
- 915 responses from 76 PSUs and 10 charters for the PSU survey
- All grades/courses averaged at least 75% or participants requesting to KEEP the objectives from Draft 1
- Similar results on both surveys

# Sample Draft 1 Quantitative Data



# Sample Draft 1 Qualitative Data

DRC and SWT members were provided qualitative analysis of the 5 objectives with the highest number of modify or remove responses from the All-Stakeholder and PSU surveys





# Draft 2 of Proposed K-12 Science Standards

The DRC recorded several consistent themes/trends specific to the standards which the SWT has worked to address.

These include:

- Consistent use of language across strands and grade levels
- Additional clarification of the content within objectives
- Refinements to the placement of content within grades, grade bands, or courses
- Modifying the Scientific and Engineering Practice based on specific content or concept

# Draft 2 of Proposed K-12 Science Standards

Additional themes/trends were noted in the responses which were directed toward future implementation of the standards.

These include:

- Boundary statements to indicate the depth of content
- Additional details and examples to assess the Scientific and Engineering Practices
- Specific examples for clarification regarding certain concepts and language in the objectives
- Professional development for teachers and instructional leaders on the Scientific and Engineering Practices, use of Revised Bloom's Taxonomy, and how to best use supporting documents

# K-12 Science Updates & Next Steps

## Next Steps:

- Per the Procedures Manual, the survey will remain open for 30 days (closing March 26)
- DRC will review data from survey and create report
- SWT will receive DRC report and edit/revise Draft 2 of the proposed standards

# K-12 Healthful Living Updates & Next Steps

## Completed Actions:

- ✓ DRC report completed and provided to writing team
- ✓ First meeting of SWT complete

## Next Steps:

- SWT completes Draft 1 of the proposed Health and Physical Education Standards
- Draft 1 of the proposed Health and Physical Education Standards to be released in March for feedback
- Presentation to the SBE in April

# Questions?

