



STATE OF SOUTH CAROLINA
DEPARTMENT OF EDUCATION

ELLEN E. WEAVER
STATE SUPERINTENDENT OF EDUCATION

MEMORANDUM

TO: Instructional Leaders
Science Coordinators

FROM: Christina S. Melton, Ed.D.
Director, Office of Assessment and Standards

DATE: February 21, 2023

RE: Resources for the South Carolina College- and Career-Ready Science Standards 2021

The Office of Assessment and Standards (OAS) is working to develop resources to support instruction, assessment, and student learning for the South Carolina College- and Career-Ready (SC CCR) Science Standards 2021. There are a variety of resources currently available with more in development.

Currently available resources are:

- Content Connections between the 2021 and 2014 Science Standards for kindergarten through high school on the [Science Instructional Resources webpage](#).
- Vertical Articulation documents for each dimension linked in the Standards and available for direct access on the [Science Instructional Resources webpage](#).
- Links to the appropriate portions of *A Framework for K-12 Science Education*, the foundational research upon which the SC CCR Science Standards 2021 were developed, in the Standards.
- Biology Content Alignment for High School Courses to provide teachers with clarity on which Biology Content Standards align with Biology 1 (as assessed by the End of Course Examination Program), Biology 2, and Anatomy & Physiology courses on the [Science Standards webpage](#).
- Item Specification documents for the assessed grades (4 and 6) and content (Biology) on the [Assessment Quick Links for Teachers webpage](#) (note: the current documents focus on overlap and will be replaced with full implementation after field review is complete).

Resources in development are:

- Performance Targets: descriptions of the features of student work that has met the Performance Expectation (PE)
- Bundling of PEs for each grade and content area
- Exemplar Formative Assessment Tasks for each PE

Additionally, new Instructional Materials have been funded for the following science contents:

- Kindergarten – Grade 8 Science
- Anatomy & Physiology
- Astronomy
- Biology 1
- Biology 2
- Advanced Placement (AP) Biology
- Earth Science
- Environmental Science
- AP Environmental Science
- Marine Science

Please look for future memos and calls for applicants/recommendations to assist OAS and other South Carolina Department of Education partner offices with development/evaluation of resources to support science instruction for all learners in South Carolina.