Key Events in Science Assessment

Reflecting on the current and future state of science assessment, some key benchmark events are worth remembering, starting with three resources from the National Research Council.

A Framework for K-12 Science Education

Development of the Next Generation Science Standards (NGSS)

Developing Assessments for the NGSS

Completion of the SAIC Framework

2012

2013

2014

2015

This seminal document presented a new approach to K-12 science education and informed the development of the NGSS.

Through a state-led process, new K-12 science standards were developed to be "rich in content and practice and arranged in a coherent manner across disciplines and grades to provide all students an internationally benchmarked science education."

This influential report explores the complexities of building an assessment system to support the NGSS and provides recommendations and conclusions.

This framework, developed through the collaboration of 14 member states, outlined a path forward for developing large-scale assessments that measure multidimensional science standards.