

# Navigate Item Bank



## NextGen Science Checks

NextGen Science Checks™ are pre-defined assessments that allow educators to quickly measure student mastery of the Next Generation Science Standards.

Next Generation Science Standards\* (NGSS) were developed through a state-led process managed by Achieve and are based upon *A Framework for K-12 Science Education* created by the National Research Council. Adoption of NGSS has shifted the focus of science education, impacting not only curriculum and classroom experience, but also the way student learning is measured.

NextGen Science Checks have been developed according to Achieve recommendations and best practices for science assessment and feature items with three-dimensional standard alignments that evaluate students' understanding of Performance Expectations (PEs) through the application of Disciplinary Core Ideas (DCIs), Science and Engineering Practices (SEPs) and Crosscutting Concepts (CCCs).

Modular in design, NextGen Science Checks allow for flexibility in the classroom. Each bundle includes modules that can be administered individually or combined to create longer, more in-depth assessments. The foundation of each module is a phenomena-based scenario designed to engage students and instigate the use of reasoning to answer the associated items.

## NEXTGEN SCIENCE CHECKS FEATURE HIGHLIGHTS:

- Aligned to Next Generation Science Standards
- Available for grades 3-8
- Arranged in bundles of performance expectations (PEs) according to topic
- Each module is comprised of 8-10 items
- Item types include multiple choice, constructed response and technology-enhanced items (TEIs)
- Each assessment typically takes 15-20 minutes to administer

\*Next Generation Science Standards is a registered trademark of Achieve and is included as a reference.