



K-12

Built on a digital platform, enhanced by print, and brought to life through hands-on kits, STEMscopes NGSS is a comprehensive STEM solution for K-12. Developed by Rice University, STEMscopes NGSS uses the familiar 5E instructional model, connecting the three dimensions of NGSS in an easy-to-use intuitive format that enhances any teaching style. **Launch a free trial at [STEMpreview.com](https://www.stemscopes.com).**

Built-from-the-Ground-Up Alignment

Developed over two years, STEMscopes NGSS is designed to meet the rigor of the Next Generation Science Standards by interweaving the Disciplinary Core Ideas, Science and Engineering Practices, and Crosscutting Concepts into easy-to-implement lesson activities.

- Founded on 3-dimensional instruction and student-driven phenomena.
- Embedded research-based pedagogical techniques and ELL strategies.

Student Engagement

STEMscopes NGSS is fully customizable. Use hands-on, inquiry-based investigations in whole group, extend learning outside the classroom with informational texts and Twig videos, or apply crosscurricular literacy and math exercises for differentiation. Mix and match to maximize student engagement.

- Robust resources: over 30 unique activities per lesson objective.
- Cooperative learning, engineering challenges, claims-evidence-reasoning assessments, and creative PBLs—your students interact with the content the way they learn best.

Ease of Use

The STEMscopes NGSS point-and-click, drag-and-drop platform makes it easy to implement on day 1. Teacher support, professional development, and teaching tools are integrated throughout.

- The Teacher Planning Companion streamlines lesson preparation.
- Assign work to students in seconds—receive reports and provide feedback to students just as fast.
- Dynamic and constantly improving content based on your feedback.
- Editable resources, assessment bank, read-aloud plus annotation features, and more!