

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.



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
- > Embedded research-based pedagogical techniques and ELL strategies



Student Engagement

STEMscopes NGSS is fully customizable. Use hands-on, inquiry-based investigations in whole group, informational texts and Twig videos to extend learning outside the classroom, or 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, and creative PBLs—your students interact with the content the way they learn best



Intuitive Design

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.

- > 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. Want to suggest a change or improvement? Simply click the feedback button to the content team. STEMscopes NGSS evolves weekly based on your suggestions and in-classroom expertise

activate a FREE trial at stempreview.com

