



## Publisher Response

[Smithsonian Science for the Classroom](#) Second Edition and its accompanying [Smithsonian Science Stories literacy series](#) is a phenomenon- and problem-driven curriculum developed from the ground up to meet the Next Generation Science Standards. Our development process was grounded in a research-based approach and informed by the ever-evolving understanding of how A Framework for K-12 Science Education should be applied in the classroom. This Second Edition evolved from the research-based STC program and Smithsonian Science for the Classroom First Edition, which were each shown in randomized controlled trial studies to demonstrate statistically significant, positive increases in students' science test scores relative to their "business as usual" counterparts.



We would like to thank the EdReports team for their thorough review of grades K-2 of Smithsonian Science for the Classroom Second Edition. Smithsonian Science for the Classroom Second Edition for grades K-2 meets expectations for EdReports' criteria across all three grades in all three gateways:

- Gateway 1: Designed for NGSS
- Gateway 2: Coherence and Scope
- Gateway 3: Usability

Some examples of evidence EdReports cites to support the all-green review of Smithsonian Science for the Classroom Second Edition include the following:

Student sensemaking is tied to explaining a phenomenon or solving a problem both at the lesson level and across each learning sequence. From one to four lessons in length, learning sequences work to connect a single phenomenon or problem to corresponding DCIs. Phenomena and problems within a single unit are often connected across learning sequences by a similar theme.

Instructional materials consistently use phenomena or problems to drive student learning and to engage students with all three dimensions. Across the series, tasks increase in sophistication in a number of ways. The increase in sophistication from Kindergarten to Grade 2 is consistent across the DCIs that students encounter, the SEPs that students engage in to make sense of phenomena and solve problems, and the CCCs that they apply.

The assessment system consistently provides three-dimensional assessments that allow students to demonstrate their knowledge and mastery in a variety of ways including peer-to-peer, small-group, and class discussions; drawings; verbal responses; data collection, presentations; and building and revising of models.

Please see the [full report for additional information](#).

To learn more about using Smithsonian Science for the Classroom Second Edition in your schools, visit [Carolina Biological Supply Company](#).

