

CA SBE-Adopted Science Instructional Materials Publisher's Response | Assembly Bill 285

Accelerate Learning Inc. is dedicated to supporting California's climate change education initiative in fulfilling the requirements of Assembly Bill 285, and we are excited to showcase how our materials align with this new legislation.

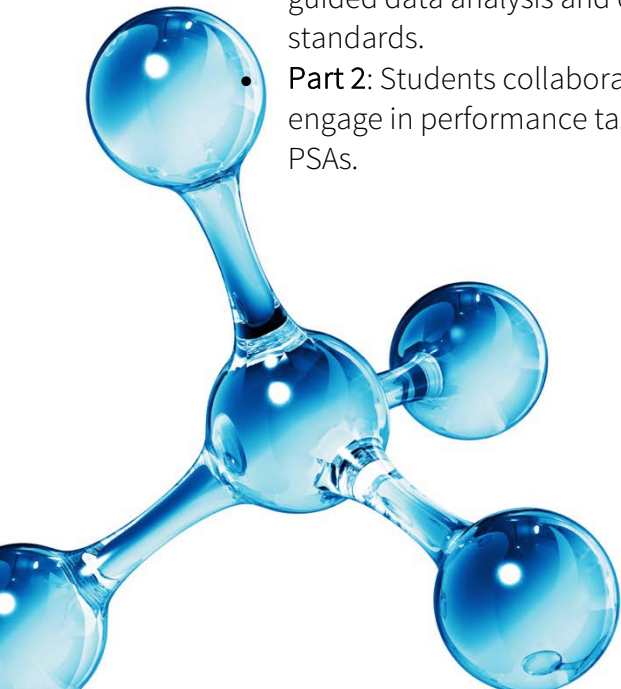
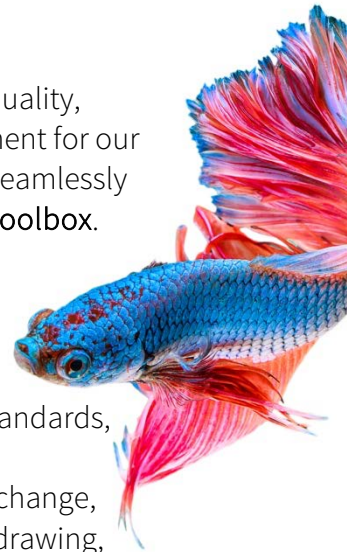
To meet the requirements of AB 285 and to ensure that schools have access to high-quality, NGSS-aligned climate change instructional materials, we have developed a new element for our California 3D product, titled **Climate Science**. This resource is designed to integrate seamlessly with grade-level standards and can be accessed by educators through our **Teacher Toolbox**.

Here is a breakdown of the **Climate Science** component:
Grades K-5:

- **Part 1:** A video introducing climate change, directly linked to grade-specific standards, followed by comprehension questions and a facilitated class discussion.
- **Part 2:** Student groups work together to brainstorm ways to mitigate climate change, linked to grade-level content. Students engage in performance tasks such as drawing, creating posters, performing skits, and developing Public Service Announcements (PSAs).

Grades 6-12:

- **Part 1:** Students are introduced to climate change through a TUVa data set, engaging in guided data analysis and class discussions that connect to the appropriate grade-level standards.
- **Part 2:** Students collaborate to brainstorm climate change mitigation strategies and engage in performance tasks such as persuasive speeches, skits, and the creation of PSAs.



These resources are **digitized** for student assignments, making them accessible and easy to integrate into daily instruction. They are ready for use and available under the **Climate Science** tab in the **Teacher Toolbox**.

The screenshot displays the 'CA 3D Teacher Toolbox: Elementary' page. At the top, there is a navigation bar with 'Scopes' highlighted. Below this, a breadcrumb trail reads: Home > Resources > Safety > 3D Supports > Climate Science. A dropdown menu for 'Climate Science' is open, showing a list of resources for each grade level from Kindergarten to Fifth Grade, each with a 'T' icon. To the right of this list is an 'Essentials' section with an 'Edit Scope' link. On the left side of the page, there is an 'Overview' section with the text: 'The STEMscopes Teacher Toolbox features a variety of resources and tools to get STEMscopes experience.'



Grade	Scope	Statement for Extensions
K	Reducing Human Impact	Climate Science: Learn more about climate change with Climate Science, which is located in the Teacher Toolbox. In this activity, students will watch a video and answer questions related to climate change. Students will then discuss what climate change is and draw how they can reduce climate change.
1	Animal Survival	Climate Science: Learn more about climate change with Climate Science, which is located in the Teacher Toolbox. In this activity, students will watch a video and answer questions related to climate change. Students will then discuss what climate change is and draw how they can reduce climate change.
2	Slow Changes to Land Forms of Water on Earth	Climate Science: Learn more about climate change with Climate Science, which is located in the Teacher Toolbox. In this activity, students will watch a video and answer questions related to climate change. Students will then discuss what climate change is and draw how they can reduce climate change.
3	Environmental Changes and Effects	Climate Science: Learn more about climate change with Climate Science, which is located in the Teacher Toolbox. In this activity, students will watch a video and answer questions related to climate change. Students will then collaborate in small groups to research climate change and what humans can do to reduce climate change.
4	Renewable and Nonrenewable Resources	Climate Science: Learn more about climate change with Climate Science, which is located in the Teacher Toolbox. In this activity, students will watch a video and answer questions related to climate change. Students will then collaborate in small groups to research climate change and what humans can do to reduce climate change.
5	Food Webs	Climate Science: Learn more about climate change with Climate Science, which is located in the Teacher Toolbox. In this activity, students will watch a video and answer questions related to climate change. Students will then collaborate in small groups to research climate change and what humans can do to reduce climate change.
6	Human Activities and Global Climate Change	Climate Science: Learn more about climate change with Climate Science, which is located in the Teacher Toolbox. In this activity, students will complete a guided inquiry using a Tuva dataset and answer questions related to climate change. Students will then work in small groups to research and determine how to mitigate human impacts on climate change.

7	Human Dependence on Natural Resources	Climate Science: Learn more about climate change with Climate Science, which is located in the Teacher Toolbox. In this activity, students will complete a guided inquiry using a Tuva dataset and answer questions related to climate change. Students will then work in small groups to research and determine how to mitigate human impacts on climate change.
8	Human Impact on the Environment	Climate Science: Learn more about climate change with Climate Science, which is located in the Teacher Toolbox. In this activity, students will complete a guided inquiry using a Tuva dataset and answer questions related to climate change. Students will then work in small groups to research and determine how to mitigate human impacts on climate change.
Biology	Human Impact on Ecosystems	Climate Science: Learn more about climate change with Climate Science, which is located in the Teacher Toolbox. In this activity, students will complete a guided inquiry using a Tuva dataset and answer questions related to climate change. Students will then work in small groups to research and determine how to mitigate human impacts on climate change.
Chemistry	Human Impact on Climate	Climate Science: Learn more about climate change with Climate Science, which is located in the Teacher Toolbox. In this activity, students will complete a guided inquiry using a Tuva dataset and answer questions related to climate change. Students will then work in small groups to research and determine how to mitigate human impacts on climate change.
Physics	Resources and Sustainability	Climate Science: Learn more about climate change with Climate Science, which is located in the Teacher Toolbox. In this activity, students will complete a guided inquiry using a Tuva dataset and answer questions related to climate change. Students will then work in small groups to research and determine how to mitigate human impacts on climate change.

We are confident that this component of our curriculum will help schools meet the climate change instruction mandate outlined in the new sections of the Education Code, specifically CA EC Sections 51210 and 51220, and we would be pleased to have our materials identified as a remedy for school districts seeking NGSS-aligned content.

Posted on behalf of Accelerate Learning by the California Department of Education, February 2025

