

CAST Practice and Training Tests



The California Science Test (CAST), which is aligned with the California Next Generation Science Standards (CA NGSS), is the state's assessment for measuring what students know and can do in science. The CA NGSS integrate the Disciplinary Core Ideas, Science and Engineering Practices, and Crosscutting Concepts to help students build a deeper understanding of science.

The CAST covers information across three science domains:



**Earth and Space
Sciences**



**Life
Sciences**



**Physical
Sciences**

Test questions written to assess Performance Expectations associated with the Engineering, Technology, and Application of Science domain will be incorporated into one of the three science domains above, depending on the context of the stimulus.

The **CAST practice and training tests** are available for each assessed grade (i.e., grade five, grade eight, and high school) and include accessibility resources to match those available on the CAST Online Practice and Training Tests web page at <https://www.caaspp.org/practice-and-training/index.html>.

The shorter training tests

- help students to become familiar with the types of questions on the CAST;
- provide an opportunity to interact with technology enhanced questions; and
- include a sampling of stand-alone test questions and a single performance task.

The full-length practice tests

- help students to become familiar with the format of the CAST;
- demonstrate the full range of science content assessed on the CAST; and
- include a wide variety of stand-alone questions and three performance tasks—one from each of the science domains (i.e., Earth and Space Sciences, Life Sciences, and Physical Sciences).

For more information, visit the California Department of Education CAST web page at <https://www.cde.ca.gov/ta/tg/ca/caasppscience.asp>.

