

SAT Online Prep

<https://collegereadiness.collegeboard.org/sat/practice>

College Board and Khan Academy have teamed up to help students get ready for the SAT. Students who spend 20 hours on Official SAT Practice saw an average gain of 115 points from the PSAT/NMSQT® to the SAT. The SAT Online Prep provides you with the following:

- Practice tests with study and test-taking tips
- Interactive practice questions, video lessons and hints
- A tailored practice plan
- Instant feedback

SAT Subject Tests

<https://collegereadiness.collegeboard.org/sat-subject-tests/subjects/science>

SAT Subject Tests are college admission exams on specific subjects. These are the only national admission tests where you choose the tests that best showcase your strengths and interests. There are 20 SAT Subject Tests in five general subject areas. The three Science Subject Tests are:

- Biology E/M
- Chemistry
- Physics

ACT Online Prep

<http://www.act.org/content/act/en/products-and-services/the-act/test-preparation.html>

Prepare for the ACT anytime, anywhere. The ACT Online Prep provides you with the following:

- A short-form ACT test to get started
- A personalized learning path
- Tools to track your progress
- Daily goals to help you stay on target
- Flashcards customized for your review needs
- A game center to further test your knowledge
- Full-length practice tests to simulate the actual exam
- A free mobile app

Science Test Description for the ACT:

The ACT science test is a 40-question, 35-minute test that measures the interpretation, analysis, evaluation, reasoning, and problem-solving skills required in the natural sciences.

<http://www.act.org/content/act/en/products-and-services/the-act/test-preparation/description-of-science-test.html>

The scientific information is conveyed in one of three different formats.

- **Data Representation** (30–40%): This format presents graphic and tabular material similar to that found in science journals and texts. The questions associated with this format measure skills such as graph reading, interpretation of scatterplots, and interpretation of information presented in tables.
- **Research Summaries** (45–55%): This format provides descriptions of one or more related experiments. The questions focus upon the design of experiments and the interpretation of experimental results.
- **Conflicting Viewpoints** (15–20%): This format presents expressions of several hypotheses or views that, being based on differing premises or on incomplete data, are inconsistent with one another. The questions focus upon the understanding, analysis, and comparison of alternative viewpoints or hypotheses.